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# • HOWARD'S •

## SEED AND IMPLEMENT CATALOGUE

62.39

1921



FRANK HOWARD,  
FENN, FIRST AND FEDERAL STS.

PITTSFIELD, MASS

# OUR NEW STORE

## **HOWARD BLOCK**

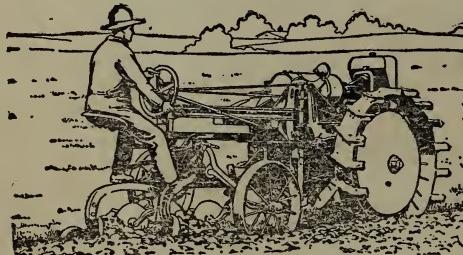
At the corner of FENN, FIRST and FEDERAL STREETS, near the post office, is arranged for your comfort and convenience while shopping. We occupy four floors, with elevator service, and entrances on Fenn, First and Federal Streets



*Make our store your headquarters while in the city. You are always welcome*

**FRANK HOWARD**

## The Moline-Universal Tractor



THE MOLINE-UNIVERSAL TRACTOR is the ideal tractor for the average size farm; turns in a 16-ft. circle; easier to handle than a team; weight about the same, and will back with the implement attached; does practically all kinds of field work. It is a One Man Tractor. Prices on application.

The Federal and First Street Corner of the Howard Building, showing the Federal Street Entrance to our store and the Federal Street Entrance to the offices on the second floor; Reinhardt & Tree Tire Store and the Telephone Business Office. The door for the receiving and delivering of goods is shown between two of our trucks.





The Howard Building from the Fenn and First Street Corner—showing the Penn Street Entrance to the Howard Store No. 132. Hockridge & Castle Grocery Store No. 128, Fenn Street, Entrance No. 126 Fenn Street to Offices on second floor, and Store No. 124 Fenn Street, also the loading and unloading door on First Street, near where the automobile is shown in the photograph.



## QUANTITY

## ARTICLES

## PRICE

# 1921

# FRANK HOWARD'S

## *Annual Spring Catalog*

—OF—

## Reliable "Seeds That Grow"

### TOOLS and MACHINERY

The Unsettled market conditions render it impossible to make firm prices. You can, however, depend on us at all times to give you **BEST GOODS** and at **FAIR PRICES**. **PRICES HOWEVER ARE SUBJECT TO CHANGE WITHOUT NOTICE.**

WE PAY POSTAGE or EXPRESS on SEEDS in PACKETS, OUNCES, QUARTER-POUNDS and POUNDS, on other seeds if WANTED BY MAIL ADD POSTAGE as per following table:

#### PARCEL-POST ZONE RATES

Within the United States

Zone	Within	1st lb. or fraction	Additional lb. or fraction
1st	.50 miles of Pittsfield.....	5c.	1c.
2d	.50 to 150 miles of Pittsfield.....	5c.	1c.
3d	.150 to 300 miles of Pittsfield.....	6c.	2c.
4th	.300 to 600 miles of Pittsfield.....	7c.	4c.
5th	.600 to 1,000 miles of Pittsfield.....	8c.	6c.
6th	.1,000 to 1,400 miles of Pittsfield.....	9c.	8c.
7th	.1,400 to 1,800 miles of Pittsfield.....	11c.	10c.
8th	.1,800 and over miles of Pittsfield.....	12c.	12c.

Maximum weight, 70 lbs. to 1st and 3d zones—and 50 lbs. from the 4th zone upward.

"Our Seeds are Northern Grown, None Better at Any Price."

Our name is an absolute guarantee of the best in quality and price.

**MAKE OUR STORE YOUR HEADQUARTERS WHILE IN THE CITY. YOU ARE ALWAYS WELCOME.**

Yours respectfully,  
**FRANK HOWARD.**

#### GARDENER'S AND HEAD FARMER'S SITUATIONS

We keep a register of names of Practical Gardeners and Farm Managers also Farm Laborers who are in want of situations. If parties desiring such will write to us we shall be glad to put them in communication with men that we deem suitable. To aid us in making a selection we ask full particulars, and whether a married or single man is wanted. We make no charge for this service, either to employer or employee.

#### SPECIAL NOTICE.

I give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants I send out and will not be responsible for the crop.—**FRANK HOWARD.**

1921

# FRANK HOWARD'S

GENERAL LIST OF

# Standard Tested Vegetable Seeds

PRICES SUBJECT TO CHANGE

"Our Seeds are Northern Grown, None Better at Any Price."

	Pkt.	Oz.	Qt.
ARTICHOKE,—Green Globe, the standard sort . . . . .	.25	1.00	
Jerusalem, (Roots), . . . . .			.30
ASPARAGUS,—			
Culture.—Sow the seed thinly in rows 1 foot apart in April or May and keep down weeds; thin seedlings to 3 or 4 inches apart. One year old roots should be set out in spring, in rich sandy loam, dug 18 inches deep, work in plenty of well rotted manure. Every fall a good dressing of coarse manure and Quinnipiac or Mapes Fertilizers should be applied after tops are cut and in the spring forked in. Never cut closely.			
PALMETTO,—The earliest good yielder, even and regular in growth, quality unequaled, . . . . .	.05	.15	.35
COLOSSAL,—The old standard variety. . . . .	.05	.15	.35
ASPARAGUS ROOTS,—Palmetto, (2 years old) . . . . .			per 100, \$1.75
COLOSSAL, (2 years old) . . . . .			per 100, \$1.50
" (3 years old) . . . . .			per 100, \$2.25

## BEANS

CULTURE.—When ground is perfectly warm and dry, make drill 2 inches deep and 18 inches to 2 feet apart; drop the beans 3 inches apart in the drills, cover not over 2 inches deep. Hoe well in dry weather. Sow every two weeks for succession. Compost, Mapes, or Quinnipiac Fertilizer may be thoroughly worked into soil before planting.

### Dwarf Green Podded Varieties

#### GIANT STRINGLESS GREEN POD,—

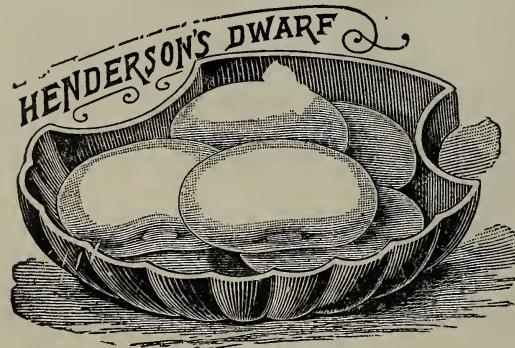
Very early, round pods absolutely stringless, fine quality, one of the finest string beans grown, 20c  $\frac{1}{2}$  pt., 35c pt., 60c qt., \$2.25  $\frac{1}{2}$  peck.

#### IMPROVED EARLY RED VALENTINE,—

One of the earliest beans in cultivation. Round pod, 20c  $\frac{1}{2}$  pt., 35c pt., 60c qt., \$2.25  $\frac{1}{2}$  peck.



Improved Early Red Valentine



IMPROVED ROYAL WHITE OR KIDNEY,—Excellent for shelling green or baking when ripe, 20c  $\frac{1}{2}$  pt., 35c pt., 60c qt., \$2.25  $\frac{1}{2}$  peck.

LARGE WHITE MARROW,—The favorite for general field crop, 15c  $\frac{1}{2}$  pt., 25c pt., 45c qt., \$1.75  $\frac{1}{2}$  peck.

HENDERSON'S BUSH LIMA,—The earliest of the Bush Limas, very productive, requires no stakes or poles, quality excellent, 25c  $\frac{1}{2}$  pt., 40c pt., 70c qt., \$2.50  $\frac{1}{2}$  peck.

**BEANS—Continued—Dwarf, Green Podded Varieties**

**EXTRA EARLY REFUGEE**,—Round pod, very productive, 20c  $\frac{1}{2}$  pt., 35c pt., 60c qt., \$2.75  $\frac{1}{2}$  peck.

**BOUNTIFUL**,—Pods grow to large size, are broad and fleshy, cook tender and fine quality, 20c  $\frac{1}{2}$  pt., 35c pt., 60c qt., \$2.25  $\frac{1}{2}$  pk.

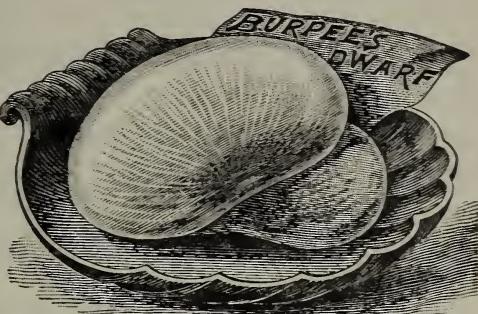
**BURPEE'S STRINGLESS GREEN POD**,—Very early, tender and crisp. Pods pale green, long and straight, round, meaty and stringless, 20c  $\frac{1}{2}$  pt., 35c pt., 60c qt., \$2.25  $\frac{1}{2}$  peck.

**BURPEE'S IMPROVED DWARF OR BUSH**

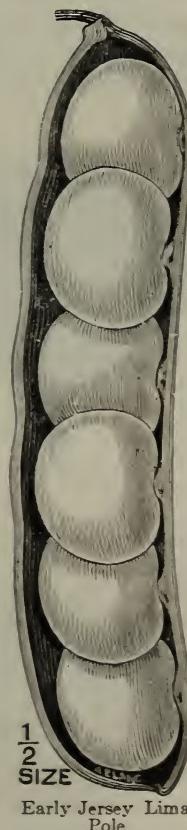
**LIMA**,—A perfect bush form of the true luscious large Lima grows from 18 to 20 inches high, stout, and erect growth, immense yielder, 30c  $\frac{1}{2}$  pt., 50c pt., 90c qt., \$3.25  $\frac{1}{2}$  peck.

**FORDHOOK BUSH LIMA, (New)**,—Both pods and beans are very large. 30c  $\frac{1}{2}$  pt., 50c pt., 90c qt.; \$3.25  $\frac{1}{2}$  pk.

**HORTICULTURAL DWARF**, or "Dwarf Cranberry," late and productive, flat pod, 25c  $\frac{1}{2}$  pt., 40c pt., 75c qt., \$2.75  $\frac{1}{2}$  peck.

**Dwarf, Wax or Butter Varieties**

	$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
<b>BLACK WAX, PENCIL POD</b> ,—Slender, long, round pods, hardy and prolific, splendid quality, best of the Black Wax varieties,	.20	.40	.75	\$2.50
	$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
<b>IMPROVED RUSTLESS GOLDEN WAX</b> ,—(Keeney's) Hardy and productive, pods flat, stringless, wax-like and handsome,	.20	.40	.75	2.50
<b>KIDNEY WAX ROUND-POD</b> , (Brittle Wax)—A handsome midseason variety, pods long and round, wax-like, stringless, fine quality	.20	.40	.75	2.50
<b>MICHIGAN WHITE WAX</b> ,—Early, prolific, very tender, fine quality,	.20	.40	.75	2.50
<b>REFUGEE WAX</b> ,—The earliest wax variety, pods very tender, remaining so well through the season, heavy bearer,	.20	.40	.75	2.50

**Climbing or Pole Varieties**

**CULTURE**.—Sow after danger from frost and soil is warm and dry in hills 4 feet each way. Poles 8 or 10 feet long, should be firmly set in hills before planting seed.

$\frac{1}{2}$ Pt. Pt. Qt.  $\frac{1}{2}$ Pk.

**GOLDEN CLUSTER WAX, IMPROVED**,—Pods 6 to 8 inches long, golden yellow, flavor delicious, bears early, and lasts until late in the season,

.30 .50 .90 3.25

**HORTICULTURAL OR CRANBERRY**,—A popular variety for shelling,

.20 .35 .65 2.50

**EARLY JERSEY LIMA**,—Fully two weeks earlier than the large Lima, and combines quality, quantity and earliness,

.25 .40 .75 2.75

**1/2 SIZE**  
Early Jersey Lima  
Pole

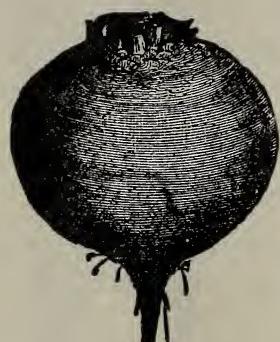
"Our Seeds are Northern Grown, None Better at Any Price."

### BEANS—Climbing or Pole Varieties—Continued

		$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
DREER'S LIMA,—Thick, fine quality,	.	.25	.45	.80	\$3.00
KING OF THE GARDEN LIMA,—Heavy cropper, bean and pod very large,	.	.25	.45	.80	3.00
SCARLET RUNNERS,—Grown principally for ornament, scarlet blossom,	.	.25	.45	.80	
WHITE DUTCH RUNNERS,—Same habit as the scarlet, blossoms white,	.	.25	.45	.80	
OLD HOMESTEAD, (Kentucky Wonder)—Probably the earliest of the green podded pole varieties, enormously productive, tender and nice,	.	.25	.40	.75	2.75

### BEETS—Table Varieties

CULTURE.—Sow as early as the ground can be worked and every two weeks after, up to the first week of July for a succession. For general crop sow after middle of May. Sow in drills, 1 foot to 15 in. apart, and when well up thin from 4 to 6 in. Soil should be light, sandy loam, well enriched—very little danger of getting too rich.



Early Blood Turnip Beet

		Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
BASSANO,—Early flat,—An early, tender variety, color light,	.	.05	.15	.50	\$1.50
BASTIAN'S EARLY BLOOD TURNIP,—A good variety to follow Egyptian and Eclipse,	.	.05	.15	.50	1.50
CROSBY EGYPTIAN BEET,—An improvement on the original Egyptian, fully as early and a better keeper,	.10	.20	.60		1.80
CRIMSON GLOBE,—Selected. Rich deep crimson, fine quality tender and sweet, globe shaped,	.10	.20	.60		1.80
DETROIT DARK RED TURNIP—Round, skin dark blood-red, flesh bright red,	.10	.20	.60		1.80
EARLY BLOOD TURNIP,—One of the best known and most popular sorts, deep blood-red color, excellent quality,	.05	.15	.50		1.50
ECLIPSE BLOOD TURNIP,—Very early, one of the best, color bright red,	.05	.20	.60		1.80
LONG SMOOTH BLOOD,—Long smooth, dark red, late variety,	.05	.15	.50		1.80
SWISS CHARD OR SEA KALE BEET,—Grown exclusively for its leaves. The middle of the leaf can be used and served like asparagus, the rest like spinach,	.10	.20	.60		1.80

"Our Seeds are Northern Grown, None Better at Any Price."

## MANGEL WURZEL

CULTURE.—Mangels require deep soil to grow well. Plow and subsoil at least a foot to 18 in. Apply plenty of rich stable manure or Mapes or Quinnipiac Fertilizers. Sow latter part of May or in June (5 to 8 lbs. to acre), in rows not less than 18 inches apart and thin to 8 inches in the row. Young plants may be transplanted to fill up vacancies. When plants are 3 to 4 inches high sow 600 lbs. Quinnipiac or Mapes fertilizer to the acre. Cultivate and hoe well, keeping down weeds.

	Oz.	1/4 Lb.	Lb.
<b>MAMMOTH PRIZE LONG RED,</b> —One of the best for deep soil, roots very large, very heavy cropper,	.15	.45	1.25
<b>CHAMPION YELLOW GLOBE,</b> —Good keeper, smooth, globe shaped roots,	.15	.45	1.25
<b>GOLDEN TANKARD,</b> — Flesh bright yellow, said to contain a large amount of sugar,	.15	.45	1.25
<b>NORBITON GIANT,</b> — The larg- est variety grown, and one of the most popular,	.15	.45	1.25
<b>LANE'S IMPERIAL SUGAR,</b> — White fleshed, said to contain a large amount of sugar,	.15	.45	1.25

## BROCCOLI

	Pkt.	Oz.
<b>WHITE CAPE,</b> —(Cultivation same as Cauliflower) one of the most certain to head, heads compact, creamy white,	.15	.60

## BRUSSELS SPROUTS

(Cultivation same as Cabbage.)

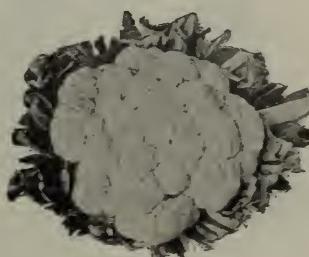
<b>IMPROVED DWARF,</b> —Compact heads, probably the best,	.10	.50
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## CAULIFLOWER

CULTURE.—Same as cabbage except that an extra amount of fertilizer and plenty of water may be used to advantage.

Pkt. Oz.

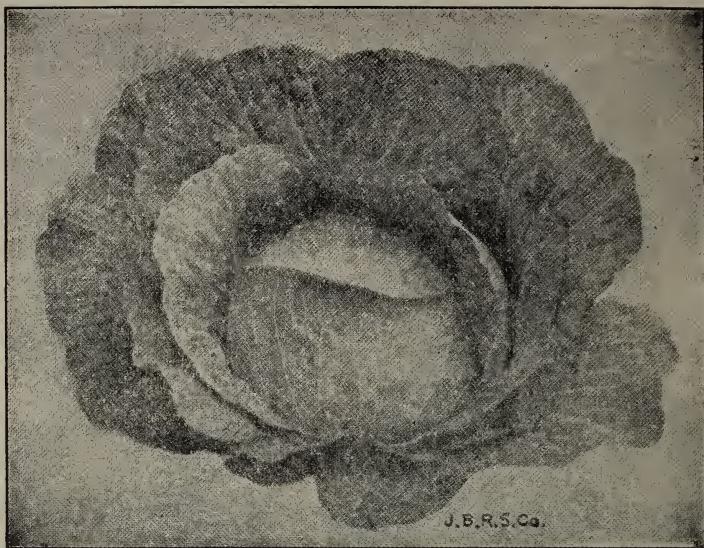
<b>EARLY SNOWBALL,</b> —The best cauliflower grown, a sure header,	.25	\$4.50
<b>EXTRA EARLY PARIS,</b> —A standard variety,	.20	3.50
<b>EARLY FAVORITE,</b> —An excellent very early variety,	.25	4.00



Snowball Cauliflower

## CABBAGE

**CULTURE.** — Soil for Cabbage should be rich, heavy loam, with good drainage. Use an abundance of stable Mapes or Quinnipiac Fertilizers, worked well into the soil. Sow in hot beds, transplanting in the spring as soon as the ground can be worked, 2 ft. apart one way and 12 to 18 in. the other, according to variety. For late crops, sow in May, transplant in July. If desired to cultivate with horse, set in rows of 2 ft. by 3 ft.



**ALL SEASONS**,—Fine strain. Heads deep. Can be planted for early or late crop, 10c pkt., 40c oz., \$1.25  $\frac{1}{4}$  lb.

**AUTUMN KING**,—One of the finest of late cabbages, excellent keeper, 10c pkt., 40c oz., \$1.00  $\frac{1}{4}$  lb.

**CHARLESTON LARGE WAKEFIELD**,—About one week later than the Early Jersey Wakefield, but fully one half larger, 10c pkt., 45c oz., \$1.50  $\frac{1}{4}$  lb.

**CHINESE (Wong-Boh) Chinese Celery Cabbage**—delicate, mild, cabbage flavor, cultivation same as late cabbage, blanche by tying loosely with burlap, 10c pkt., oz., 50c,  $\frac{1}{4}$  lb., \$1.50.

**COPENHAGEN MARKET**—The finest, large, round-headed, early Cabbage, solid, fine quality, short-stemmed, 15c pkt., 50c oz., \$1.50  $\frac{1}{4}$  lb.

**EXCELSIOR LATE FLAT DUTCH**,—A valuable late variety, one of the best for main winter crop, 10c pkt., 40c oz., \$1.25  $\frac{1}{4}$  lb. Pkt. Oz.  $\frac{1}{4}$ Lb.

**IMPROVED EARLY SUMMER**,—Ten days later than Jersey Wakefield, large heads, excellent second early, . . . . . 10 .40 1.25

**MAMMOTH ROCK RED**,—Largest and surest header, red, . . . . . 10 .45 1.50

**SELECTED EARLY JERSEY WAKEFIELD**,—The earliest cabbage, heads cone shaped and solid, . . . . . 10 .50 1.50

**EARLY WINNINGSTADT**,—About three weeks later than Jersey Wakefield, heads cone shaped and solid, sure to head, . . . . . 10 .45 1.25

**STONE MASON DRUMHEAD**,—Large firm heads, fine quality, late, . . . . . 10 .45 1.25

**DRUMHEAD SAVOY**,—Very tender, excellent flavor, fine, . . . . . 10 .45 1.50

**SUREHEAD IMPROVED**,—Large firm heads, late good main crop, .10 .40 1.25

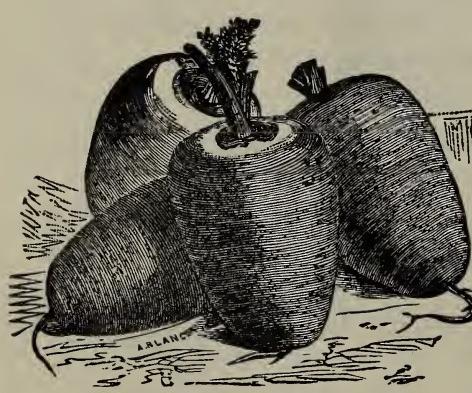
**HOLLANDER OR DANISH BALL HEAD**,—Medium size heads, solid, best keeping cabbage grown, . . . . . 15 .60 2.00

## CARROTS

**CULTURE.**—Sow from middle of May to first of July, in rows 10 in. apart for early, and 14 for main crop, or further apart if it is desired to cultivate with horse. Thin out to 5 in. in rows for early crop, 6 to 7 in. for main crop. Soil, light, sandy loam deeply dug, richly manured, hoe often, cultivate deep.

**OXHEART OR GUERANDE**,—Roots, short and very thick, intermediate between Scarlet Horn and Half Long, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$1.75 lb.

**DANVERS' HALF LONG**,—(Pointed), heavy yielder, roots 8 to 10 inches long, thick, dark orange, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$1.75 lb.



New Or'heart Carrot

**CARROTS—(Continued)**

**DANVER'S HALF LONG**,—(Stump rooted), similar to above excepting that it has blunt roots, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$1.75 lb.

**EARLY SCARLET HORN**,—An early variety, deep orange, blunt root, 6 to 8 in., 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$2.00 lb.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
<b>FRENCH FORCING</b> ,—Small round root, the earliest variety,	.10	.20	.60	\$2.00
<b>INTERMEDIATE</b> ,—Similar in shape to Danvers pointed, color deep orange, nearly coreless, good cropper,	.10	.20	.60	1.75
<b>IMPROVED LONG ORANGE</b> ,—The best general crop in deep soil, excellent for stock or table,	.05	.20	.60	1.75

**CELERY**

**CULTURE.**—Sow seeds in light rich soil, as early as ground can be worked, in drills 8 or 10 inches apart, cover seeds about a quarter of an inch deep, rolling or treading them if ground is dry. When fairly out of seed leaf transplant or thin from 6 to 8 inches apart in the row, and let grow until wanted to plant out. Keep well wet down in dry weather. Set out in July, 6 to 8 inches apart, (press soil firmly against roots), in single row in shallow trenches, having previously worked a good quantity of well rotted manure in bottom of trench. It is well to work thoroughly into the soil under and around the trench a quantity of Mapes or Quinnipiac Fertilizers. To raise good celery requires rich soil. Earth up two or three times, taking care not to let the earth get into the heart of the plant.

**IMPROVED WHITE PLUME**,—One of the easiest to raise as it requires no "banking up." Early and attractive,

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	
<b>DWARF GOLDEN HEART</b> ,—Very solid golden yellow heart, excellent keeper, fine flavor,	.10	.50	\$1.50	
<b>DWARF GOLDEN SELF BLANCHING</b> ,—One of the best early, solid, fine nutty flavor, good size, golden yellow,	.20	1.00	3.00	
<b>GIANT PASCAL</b> ,—The largest variety grown, fine nutty flavor, excellent keeper easily blanched,	.10	.40	1.25	
<b>WINTER QUEEN</b> ,—Very large, blanches well, excellent keeper,	.10	.40	1.25	
<b>BOSTON MARKET</b> ,—Very popular, a strong grower, tender and crisp,	.10	.40	1.25	
<b>SOUP CELERY</b> ,—(Old seed for flavoring),	10c oz., 20c $\frac{1}{4}$ lb., 60c lb.			

**CELERIAC—(Turnip-Rooted Celery)**

**CULTURE.**—Similar to celery but needs no hillling up.

**LARGE SMOOTH PRAGUE**,—An improved variety, round, smooth roots, the largest and best variety, 10c pkt., 35c oz., \$1.15  $\frac{1}{4}$  lb.

**CHERVIL**

**CULTURE.**—Same as parsley.

**CURLED**,—The leaves are used for flavoring, 10c pkt., 50c oz., \$1.50  $\frac{1}{4}$  lb.

**CHICORY**

**CULTURE.**—Sow in June, transplant in autumn into sand in cellar.

**LARGE ROOTED**,—10c pkt., 35c oz., \$1.25  $\frac{1}{4}$  lb.,

**WITLOOF**,—Known as French Endive. Sow in May or June in drills. Thin to 6 inches, treat as Endive until end of summer, when it should be banked like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable; prepare as cauliflower. 10c pkt., 35c oz., \$1.25  $\frac{1}{4}$  lb.

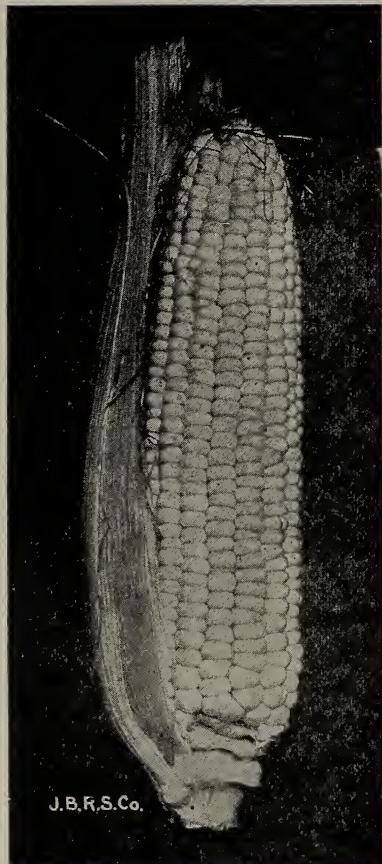
**CORN SALAD OR FETTICUS**

**CULTURE.**—Sow in August in drills  $\frac{1}{4}$  in. deep, 6 in. apart, keep down weeds. Just before winter cover thinly with straw or leaves.

**LARGE GREEN CABBAGING**,—A small, hardy, salad, used also as a substitute for lettuce, 5c pkt., 20c oz., \$.50  $\frac{1}{4}$  lb.

**CORN—(Sweet or Sugar)**

**CULTURE.**—Plant in hills 3 ft. apart each way, and five or six kernels in a hill. Hoe often, drawing soil up to stem after first hoeing. Break off side shoots. Make ground very rich. If stable manure is used, it is perhaps best to plow it under. Use broadcast or in the hill Mapes or Quinnipiac Fertilizer, worked well into soil. It has been found very beneficial to sow these fertilizers between the rows before cultivating and hoeing the second time.



J.B.R.S.C.O.

We have been very careful in selecting the best and sweetest varieties of corn adapted to this section. The list below is arranged in order as they would mature. If two or more varieties are selected and planted at same time, they would be ready for the table at different times, one following the other.

	$\frac{1}{2}$ Pt.	Pt.	Qt.	$\frac{1}{2}$ Pk.
<b>GOLDEN BANTAM,</b> —Small yellow ears, delicious flavor,	.20	.35	.60	2.00
<b>MAMMOTH WHITE CORY,</b> An improvement in size and quality over the white Cory,	.20	.35	.60	2.00
<b>CROSBY EARLY,</b> —An old and popular variety, rather small ears, good quality,	.20	.35	.60	2.00
<b>MINNESOTA EARLY,</b> —Very early and desirable, ears fair size, good quality,	.20	.35	.60	2.00
<b>SHAKER EARLY,</b> —Large ears, excellent quality,	.20	.35	.60	2.00
<b>BLACK MEXICAN,</b> —Medium early, black kernels,	.20	.35	.60	2.00
<b>POTTER'S EXCELSIOR,</b> —Fine large ears, very sweet, deep grain, medium early,	.20	.35	.60	2.00
<b>COUNTRY GENTLEMAN,</b> —A distinct variety, rather small ear, cob very small, but of delicious quality (late)	.20	.35	.60	2.00
<b>STOWELL'S EVERGREEN,</b> —The standard for quality, and the best known variety, remains a long time in suitable condition for boiling,	.20	.35	.60	2.00

**ENSILAGE OR FODDER CORN**

**GOLDEN BEAUTY,**—An excellent ensilage corn, large growth. Produces an abundance of large ears, resembles the Leamming, but is earlier which is an advantage in Berkshire County and vicinity. Pk. \$1.00. Bu. \$3.50.

**EUREKA,**—A very large growing variety with an abundance of leaves.

Pk. \$1.50. Bu. \$5.00.

**LEAMING,**—The popular corn for ensilage, very well known, similar to the Golden Beauty, but not quite so early.

Pk. \$1.00. Bu. \$3.50.

**WEST BRANCH,**—An early, large growing variety, new in this section. It promises to be a winner. Pk. \$1.25. Bu. \$4.50.



A Local Field of Our GOLDEN BEAUTY Ensilage Corn

**FIELD CORN**

CULTURE.—Same as Sweet Corn. Some prefer to plant in drills. Use "Quinnipiac" or "Mapes" Fertilizer, worked well into the soil when planting and before second hoeing.

**EIGHT ROW YELLOW**,—From selected ears grown in this vicinity. Price 25c qt., \$1.50 peck, \$5.00 bu.

**TWELVE ROW YELLOW**,—From selected ears grown in this vicinity. Price 25c qt., \$1.50 peck, \$5.00 bu.

**POP CORN**

RICE,—Shelled,—selected for seed,	Per lb.,	20c
RICE,—" —for popping,	Per lb.,	15c

**CRESS OR PEPPER GRASS**

CULTURE.—Sow curled variety thickly in shallow drills every two or three weeks. Cut often. Sow water cress in damp soil or along streams of water.

Pkt. Oz.  $\frac{1}{4}$  Lb.

**EXTRA CURLLED**,—Used as salad, .05 .15 .50

**TRUE WATER CRESS**,—Grows along the banks of ponds and streams—a fine salad, .10 1.00 3.50

**CUCUMBERS**

CULTURE.—For very early, sow seeds in hotbeds upon pieces of sod. Transplant when danger from frost is over. For general crop, sow in open ground when danger from frost is over and again every two weeks for a succession. For pickles sow from middle of June, to first week in July. Plant in hills 4 ft. apart, making hills rich.

**TELEGRAPH**,—For growing in hotbeds or greenhouses, Pkt., 25c

**BOSTON PICKLING**,—One of the best for pickling, 10c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

**COOL AND CRISP**,

New, very desirable for both pickling and slicing, 10c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

**EARLY CLUSTER**,—A popular variety, grows in pairs, 10c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.



**JAPANESE CLIMBING**,—Good for frames or open ground, 10c pkt., 25c oz., 75c  $\frac{1}{4}$  lb.

**FORDHOOK PICKLING**,—Very prolific, medium size, fine pickling strain, 10c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

**HOWARD'S EARLY FORTUNE**,—Selected, The finest type of White Spine yet produced. Early, very productive and disease-resisting. Fruits nine inches long, slightly tapering, flesh white, firm and crisp, with very few seeds, color rich dark green, one of the very best slicing and pickling cucumbers. Pkt. 10c, oz. 25c,  $\frac{1}{4}$  lb. 75c.

**IMPROVED LONG GREEN**,—The favorite for general crop, good pickler or slicer, 10c pkt., 25c oz., 75c  $\frac{1}{4}$  lb.

**NICHOL'S MEDIUM GREEN**,—Intermediate between Long Green and Frame, 10c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

**SNOW'S PERFECTED PICKLE**,—Excellent pickling cucumber, 10c pkt., 25c oz., 75c  $\frac{1}{4}$  lb.

**IMPROVED WHITE SPINE**,—One of the popular varieties, early, vigorous grower, crisp and fine flavor, 10c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

**DANDELION**

CULTURE.—Sow in early Spring in drills 1-2 in. deep and 18 in. apart, thin plants to 12 in. Keep clear of weeds. The leaves will be ready to cut the following spring. They are best if blanched, which can be done by placing two boards edgewise over the row.

**IMPROVED THICK LEAVED**,—Very much superior to the common dandelion for greens. 20c per pkt., \$1.00 oz.



"Our Seeds are Northern Grown, None Better at Any Price."

## EGG PLANT

CULTURE.—Sow in hot beds very early in spring, transplant when 2 in. high into second bed or small pots, or thin to 4 in. apart. Plant out after weather is perfectly settled and warm. Set plants 3 feet by 2 feet.

**NEW YORK IMPROVED SPINELESS**,—The earliest and probably the best, 15c per pkt., 85c per oz., \$2.75 per  $\frac{1}{4}$  lb.

## ENDIVE

CULTURE.—Sow in June, July or August, cover lightly, thin to 8 in. apart. Water well if dry. When leaves are 6 or 8 in. blanch by tying together near top; at approach of winter, take up with a ball of earth and put in cool dry cellar. Handling of plants must be done when perfectly dry.

**GREEN CURLED**,—The popular variety, one of the best salads for fall and winter use, 10c pkt., 25c oz., 70c  $\frac{1}{4}$  lb.

**MOSS CURLED**,—10c pkt., 25c oz., 70c  $\frac{1}{4}$  lb.

**BROAD LEAVED**,—A sweet variety; fall or winter, 10c pkt., 25c oz., 70c  $\frac{1}{4}$  lb.

**WHITE CURLED**,—For early use, 10c pkt., 25c oz., 70c  $\frac{1}{4}$  lb.

## GOURDS

**FANCY VARIETY MIXED**,—5c pkt., 30c oz.

## Kale or Borecole

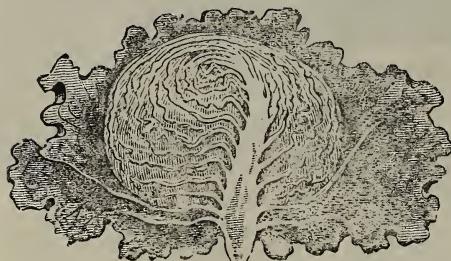
CULTURE.—Same as cabbage.

**DWARF GREEN CURLED SCOTCH**,—Grown for winter greens, 10c pkt., 30c oz., 85c  $\frac{1}{4}$  lb., \$3.00 lb.

## KOHL RABBI—or Turnip-Rooted Cabbage

CULTURE.—Sow in Spring in rows 18 in. apart, thin to 8 or 10 in., when thickened stems are 2 or 3 in. through above ground they are ready to eat and should be used at once. Cook same as turnips.

**PURPLE VIENNA**,—10c pkt., 35c oz., \$1.00  $\frac{1}{4}$  lb.



Hanson Lettuce

## LETTUCE

CULTURE.—Sow in hot beds, and in open ground as soon as it can be worked. sow again in 2 weeks for succession. Transplant in rows 8 in. apart. Cos should be started very early in hot beds, and to blanch should be tied. Lettuce requires very rich ground well pulverized, in fact lettuce to be tender and crisp should have rapid growth, otherwise it will be tough and probably bitter.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
<b>BIG BOSTON</b> ,—About twice the size and one week later than The Boston Market, produces large solid heads,	.05	.20	.60
<b>BOSTON MARKET</b> ,—Edges slightly tinged with red, good forcing or out-door variety,	.05	.20	.60
<b>GRAND RAPIDS</b> ,—One of the best forcing varieties, strong grower, curly, tender, crisp and retains its freshness a long time after being cut,	.05	.20	.60
<b>GOLDEN QUEEN</b> ,—Medium size golden yellow, solid heads, early,	.05	.20	.60
<b>HANSON IMPROVED</b> ,—Outer leaves green, inner white, sure header, excellent quality, very satisfactory,	.05	.20	.60
<b>MAY KING</b> ,—Large, round, solid heads, outer leaves yellowish green, tinged with brown, inside rich, golden yellow, early,	.05	.20	.60
<b>NEW YORK CABBAGE</b> ,—Not a forcing variety but one of the best summer lettuces, forms large heads, inside white,	.05	.20	.60
<b>PHILADELPHIA BUTTER</b> ,—Inner leaves yellow, heads solid,	.05	.20	.60
<b>PRIZE HEAD</b> ,—Leaves green and red, thin, crisp and tender,	.05	.20	.60
<b>SALAMANDER</b> ,—Heads compact, resists summer heat admirably, light green outside, white inside,	.05	.20	.60

**LETTUCE—(Continued)**

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
SIMPSON BLACK SEEDED,—Leaves yellow, good for forcing or sowing out of doors,	.05	.20	.60
TENNIS BALL, BLACK SEEDED,—Forms handsome hard head, crisp and tender,	.05	.20	.60
TENNIS BALL, WHITE SEEDED,—Excellent forcing variety, head firm, white and crisp,	.05	.20	.60
TRIANON COS OR ROMAINE,—Self-closing, an excellent variety, bleaches white, very crisp and tender,	.05	.20	.60
WHITE PARIS COS,—Has long narrow leaves, does not head, but when tied up blanches very nicely,	.05	.20	.60

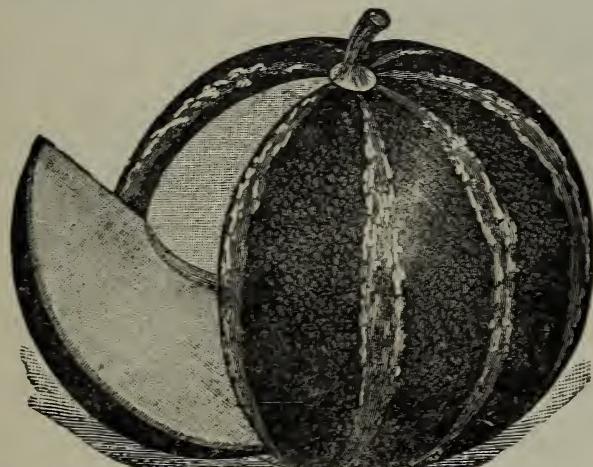
**LEEK**

CULTURE.—Sow very early in drills 6 inches apart and 1 inch deep. Thin to 1 inch. When 7 inches high, transplant in rows 12 inches apart, deep as possible without covering center leaves. Water well if dry when planted out. Draw soil up to them as they grow. Rich soil is necessary.

BROAD AMERICAN FLAG,—By far the best variety grown, 10c pkt., 40c oz., \$1.25  $\frac{1}{4}$  lb.

**MUSK MELON**

CULTURE.—Light, sandy soil, very rich, plant when ground is dry and warm, in hills from 4 to 6 feet apart each way, 10 or 12 seeds to a hill. When well up and danger from insects is past, thin to 3 or 4 plants to hill. Pinch ends of growing shoots to induce early fruiting.



HACKENSACK EXTRA EARLY IMPROVED,—Quality perfect, very early, popular in this section, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

EMERALD GEM,—Medium size skin smooth, deep green, flesh salmon, delicious flavor, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

GOLDEN NETTED GEM — Round, very early, delicious, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

MILLER'S SCREAM OR OSAGE —Delicious flavor, flesh thick, salmon pink, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

MONTREAL NUTMEG.—Excellent variety, large size, flesh melting and of delicious flavor, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

ROCKY FORD,—Netted, very sweet and fine flavored, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

SURPRISE,—One of the best for this section, flesh deep salmon, thick and fine flavor, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb.

**WATER MELON**

CULTURE.—Same as Musk Melon, only plant further apart, about 8 or 10 feet

PHINNEY'S EARLY,—Very early, fine quality, excellent variety for this section, Pkt. Oz.  $\frac{1}{4}$ Lb.

.05 .15 .40

MOUNTAIN SWEET,—Early, oblong, dark green, flesh red, solid, sweet, Pkt. Oz.  $\frac{1}{4}$ Lb.

.05 .15 .40

CITRON,—Red Seed,—For Preserving, Pkt. Oz.  $\frac{1}{4}$ Lb.

.05 .15 .40

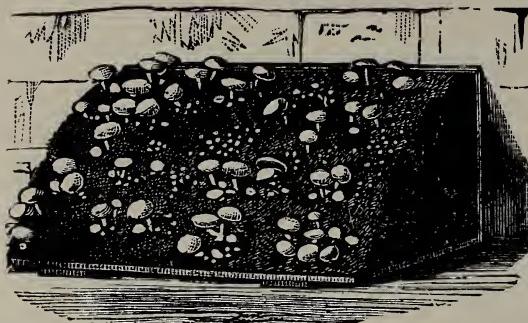
**MUSTARD**

CULTURE.—Sow thickly during early spring in shallow drills. Sow early in September for fall salad.

BLACK OR BROWN,—For salads, 5c pkt., 10c oz., 35c  $\frac{1}{4}$  lb.

WHITE LONDON,—For salads, 5c pkt., 10c oz., 35c  $\frac{1}{4}$  lb.

"Our Seeds are Northern Grown, None Better at Any Price."



Mushroom Bed

## MUSHROOM SPAWN

**CULTURE.**—Mushrooms are more easily cultivated than many people imagine and may be grown in any room or cellar where the temperature can be maintained at from 50 to 65 degrees. For the beds use a mixture of three parts horse droppings and one part good fresh loam. Before being placed in the bed, let the manure be put in some dry place to sweeten, mixing it thoroughly and turning it three or four times, when the loam may

be added. Upon a dry firm bottom, make the bed by spreading a thin layer of the prepared mixture, pounding it firm, and continue this, till the bed is twelve inches thick. Leave it thus for about a week, or until the temperature has subsided to 85 degrees. Then make holes about ten inches apart, and put in each a piece of spawn about the size of an egg. Press the spawn firmly into the compost about two inches, leaving the top uncovered to allow the excess of heat and moisture to pass off without injury to the germs. After ten days, fill the holes and cover the whole bed with two inches of fresh loam, and over this place a few inches of straw. If the temperature is right, mushrooms will appear in six or eight weeks from the time of spawning. The bed will continue bearing from four to six weeks. If the surface of the bed becomes dry at any time, it should be moistened freely with water at a temperature of 90 to 100 degrees.

Our stock of spawn is replaced a number of times during the season and is giving excellent results.

**AMERICAN**,—In bricks, per brick 35c. 10 bricks \$3.25.

**ENGLISH**,— " " " " 25c. 10 " 2.25.

## NASTURTIUM—(See Flower Seed) OKRA OR GUMBO

**CULTURE.**—Sow late in Spring when ground is warm, in drills 3 ft. apart, thin from 9 to 12 in. They should be well manured.

	Pkt.	Oz.	1/4Lb.	Lb.
<b>DWARF WHITE VELVET</b> ,—Pods round, smooth and white, very prolific,	.05	.10	.30	1.00
<b>DWARF GREEN</b> ,—Very early,	.05	.10	.30	1.00

## ONIONS

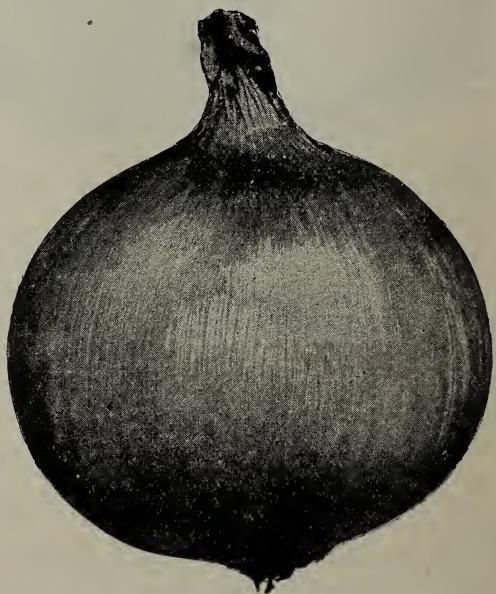
**CULTURE.**—Sow in rich light soil in drills 1 ft. apart (or wider if to be cultivated with horse). Hoe or rake frequently to keep down weeds. Use Mapes or Quinnipiac Fertilizers.

**YELLOW GLOBE DANVERS**—Howard's Finest Strain.—This seed is grown from the very earliest, and best selected Onions, and is very much superior to the average seed offered.—The Yellow Globe Danvers is the standard variety, good yielder, excellent keeper, 10c pkt., 30c oz., 85c  $\frac{1}{4}$  lb., \$3.00 lb.

**YELLOW GLOBE DANVERS**,—Fine Strain,—While this is not equal to our finest strain, it is fully equal to most onion seed, and the same that is usually sold by dealers, 10c pkt., 25c oz., \$0.75  $\frac{1}{4}$  lb., \$2.75 lb.

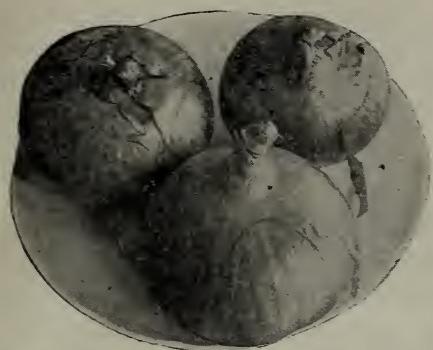
**EXTRA EARLY FLAT RED**,—Very early, medium size, mild, 10c pkt., 30c oz., 85c  $\frac{1}{4}$  lb. \$3.00 lb.

**NEW QUEEN**,—Rapid grower, mild flavor, flat, white, fine for pickling, 10c pkt., 40c oz., \$1.25  $\frac{1}{4}$  lb., \$4.00 lb.



"Our Seeds are Northern Grown, None Better at Any Price."

## ONION SEED



**LARGE RED WETHERSFIELD**,—Large yielder, good keeper, 10c pkt., 30c oz., 85c  $\frac{1}{4}$  lb., \$3.00 lb.

**PRIZETAKER**,—Bulbs very large, uniform, very productive, flavor mild, color, bright straw, choice American stock, 10c pkt., 35c oz., \$1.00  $\frac{1}{4}$  lb., \$3.50 lb.

**SOUTHPORT WHITE GLOBE**,—Large, firm, fine, grained, mild flavor, 10c pkt., 35c oz., \$1.00  $\frac{1}{4}$  lb., \$3.50 lb.

**SOUTHPORT YELLOW GLOBE**,—Same as White except in color, 10c pkt., 30c oz., 85c  $\frac{1}{4}$  lb., \$3.00 lb.

**WHITE PORTUGAL OR SILVERSKIN**,—A flat white onion, fine grained, good keeper, 10c pkt., 30c oz., 85c  $\frac{1}{4}$  lb., \$3.00 lb.

**HOWARD'S EXTRA EARLY RED GLOBE**,—Ten days earlier than Southport Red Globe, color beautiful bright red, 10c pkt., 35c oz., \$1.00  $\frac{1}{4}$  lb., \$3.50 lb.

## ONION SETS

	Qt.	$\frac{1}{2}$ Pk.	Pk.	Bu.
White, price subject to change,	.35	\$1.30	\$2.50	\$9.50
Yellow, price subject to change,	.30	\$1.10	\$2.10	\$8.00

## PARSLEY

**CULTURE**—Soak seed a few hours in warm water, sow early, and until the middle of July in drills 1 ft. apart. Thin to 4 in. For winter use, transplant to light cellar.

**CHAMPION MOSS CURLED**,—Beautifully crimped and curled, 5c pkt., 15c oz., 50c  $\frac{1}{4}$  lb., \$1.50 lb.

**FINE DOUBLE CURLED**,—A standard variety, finely curled leaves, 5c pkt., 15c oz., 50c  $\frac{1}{4}$  lb., \$1.50 lb.

**FERN LEAVED**,—Has a feathery, fern-like appearance, 5c pkt., 15c oz., 50c  $\frac{1}{4}$  lb., \$1.50 lb.



Champion Moss Curled Parsley

## PARSNIP

**CULTURE**.—Sow in drills 18 in. apart as soon as ground can be worked in Spring in rich soil, well and deeply dug. Thin to 6 or 8 in. Keep weeds down.

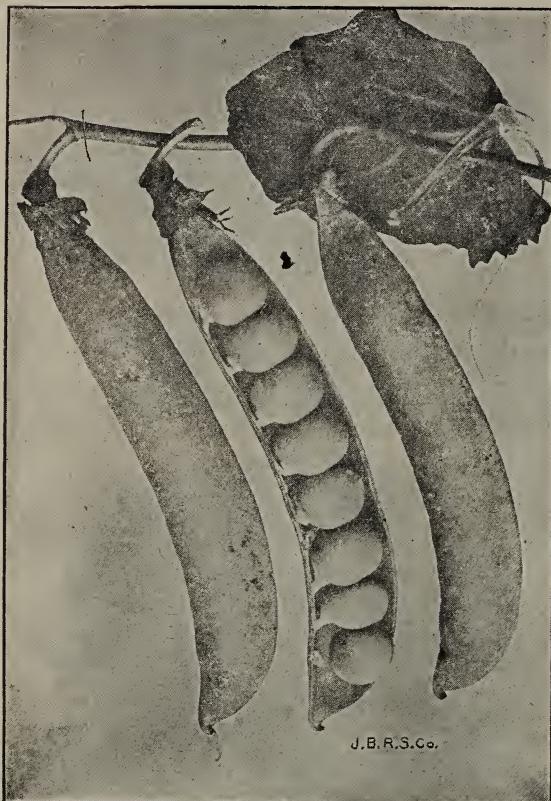
	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>LONG SMOOTH WHITE</b> ,—Standard variety, long, smooth, white roots,	.05	.15	.50	1.50
<b>HOLLOW CROWNED</b> ,—An excellent variety, fine quality,	.05	.15	.50	1.50
<b>STUDENT</b> ,—Fine strain, with long smooth roots,	.05	.15	.50	1.50

## PEAS

**CULTURE**.—For Peas, light dry soil is best. Sow as early as ground can be worked, and again every ten days for succession. Peas may be sown as late as August 15th. Medium and late Peas must be planted early. Early Peas may be planted early or late, and the extra early very late. Sow in single or double rows from 4 to 6 feet apart, according to variety, and about an inch apart in the row and 4 in. deep. Hoe often, keep ground clean and fine. Most Dwarf Peas will bear better if bushed enough to keep them from the ground. If the pea louse attacks the vines, spray every day with clear water of the same temperature as the atmosphere, using force.

"Our Seeds are Northern Grown, None Better at Any Price."

## PEAS—(Continued)—Extra Early Dwarf Varieties



\*Those marked with a star (\*) are wrinkled peas and unless otherwise stated, should be sown thicker than the round Peas.

Height in ft.	Pt.	Qt.	$\frac{1}{2}$ Pk.	Peck
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### \*AMERICAN

### WONDER,—

Fine quality

very early,      1    .45 .80 \$2.75 4.75

### \*PREMIUM

### GEM—An

improvement

on Little Gem

fine variety,      1 $\frac{1}{4}$  .45 .80 \$2.75 4.75

### \*HOWARD'S

### HUNDRED

### FOLD—

One of the

best of the

extra early

large podded

varieties,      1 $\frac{1}{3}$  .45 .80 \$3.00 5.25

**\*HOWARD'S EARLY DWARF**—A new, very early, wrinkled variety which promises to be one of the best of the dwarf peas,

1 $\frac{1}{4}$  .45 .80 \$3.00 5.25

**\*LAXTONIAN**,—Very large, dark green, curved pods and peas of finest flavor, good yielder. very early,

1    .45 .80 \$2.75 4.75

**\*NOTT'S EXCELSIOR**,—Fine quality, very early, good yielder,

1 $\frac{1}{4}$  .45 .80 \$2.75 4.75

**\*SUTTON'S EXCELSIOR**—Similar to Nott's larger pods,

1    .45 .80 \$2.75 4.75

## Extra Early Varieties—Not Dwarf

### HOWARD'S EXTRA EARLY

One of the very earliest pea~~s~~ grown, ripens evenly, pods well filled, in quality and productiveness it is fully equal to any of the early smooth sorts, height,

3 ft. .40 .70 \$2.50 4.50

**ALASKA**,—The earliest blue pea, fine sort, hardy and productive,

2 $\frac{1}{2}$  .35 .60 \$2.00 3.75

**\*GRADUS**,—(Prosperity),—One of the finest extra early peas yet introduced. It is in condition to pick about five days after our Extra Early, pods large, well filled with wrinkled deep green peas,

3    .45 .80 \$2.75 4.75

"Our Seeds are Northern Grown, None Better at Any Price."

### PEAS—(Continued)—Extra Early Varieties

	Height in feet	Pt.	Qt.	$\frac{1}{2}$ Pk.	Pk.
*THOMAS LAXTON,—Very early and productive, pods large, finest flavor,	3	.45	.80	\$2.75	4.75
IMPROVED DAN'L O'ROURKE,—A reliable early sort,	2½	.40	.70	\$2.50	4.50

### Second Early Varieties

*EVERBEARING,—Remains long time in bearing, peas large, pods long, fine flavor,	2½	.35	.60	2.00	3.75
*NEW DWARF CHAMPION,—Very productive, large peas, delicious flavor,	2	.35	.60	2.00	3.75
*MCLEAN'S ADVANCER,—A fine and popular varie- ty,	2½	.35	.60	2.00	3.75

### Tall Late Varieties

*ALDERMAN,—Extra large pods, filled with large wrinkled peas of fine flavor, very productive,	4	.45	.80	2.75	4.75
*HOWARD'S PRIZEWINNER,—New, large pods, similar to Telephone, but shorter vine, excellent quality.	2½	.45	.80	2.75	4.75
*CHAMPION OF ENGLAND,—One of the richest, best flavored peas, well known and popular,	5	.45	.80	2.75	4.75
*IMPROVED TELEPHONE,—Very fine strain, pods very large, well filled, quality excellent,	4	.45	.80	2.75	4.75
CANADA FIELD,—Principally sown for feeding stock, market price, pk., \$1.50, bu., \$5.50.					
BLACKEYED MARROWFAT,—An old-time favorite,	5	.25	.45	1.50	2.50
SUGAR, MAMMOTH MELTING,—Edible pods,	4	.45	.80		

### PEPPERS

CULTURE.—Sow in hotbeds in March, when soil is warm, set in rows 2 ft. and 18 in. in the row. Hoe frequently.

	Pk.	Oz.	$\frac{1}{4}$ Lb.
LARGE BELL OR BULL NOSE,—A favorite, large, mild, red,	.10	.75	2.25
LONG RED CAYENNE,—Small, long, bright, red, extremely strong,	.10	.75	2.25
CHINESE GIANT,—Very large, flesh mild and thick, bright scarlet,	.10	1.00	
RUBY KING,—Mild, very large and handsome,	.10	.90	
SWEET MOUNTAIN,—Large and mild, a popular sort,	.10	.75	2.25
RED CHERRY,—Cherry-shaped, for pickles.	.10	.75	



Ruby King



## POTATOES

CULTURE.—So many conflicting opinions exist as to the best method of growing potatoes, that we do not venture to give directions for culture. We do, however, make the following suggestions: Plant in such a manner that most of the heavy hard work can be done by the horse. Use "Mapes Potato Manure," or "Quinnipiac Potato or Market Garden," in sufficient quantities to insure a crop. Always bear in mind that to get the full benefit of the fertilizer and not burn the roots it should be thoroughly mixed with the soil. If stable manure is used at all, it should not come in contact with the tubers, as it is sure to make the crop rough and scabby.

These Potatoes were raised from our Maine Grown Seed, the crop was uniform and heavy and of excellent quality.

## POTATOES

Use the "Quinnipiac or Mapes Fertilizers." To insure quantity and quality in your potato crop there are positively no better fertilizers made.

### PRICES SUBJECT TO CHANGE

#### Early Potatoes

The Potatoes we offer were grown and harvested in Maine especially for seed purposes.

	$\frac{1}{2}$ Pk.	Pk.	Bu.	Sack	165 lb.
<b>EARLY DEW DROP</b> ,—New, fine quality, early white variety, good yielders,	.60	1.00	3.00	6.50	
<b>EARLY ROSE</b> ,—A well known early variety,	.60	1.00	3.00	6.50	
<b>IRISH COBBLER</b> ,—Fine quality, white, vigorous growth,	.60	1.00	3.00	6.50	

#### INTERMEDIATE and LATE VARIETIES

<b>HUSTLER OR RUSSET</b> ,—White flesh, Russet skin, fine quality, said to be extremely disease resisting,	.60	1.00	3.00	6.50
<b>NORCROSS</b> ,—Late, white, oval potato, good quality, good main crop,	.60	1.00	3.00	6.50
<b>GREEN MOUNTAIN</b> ,—Oval, white, excellent, heavy yielder,	.60	1.00	3.00	6.50

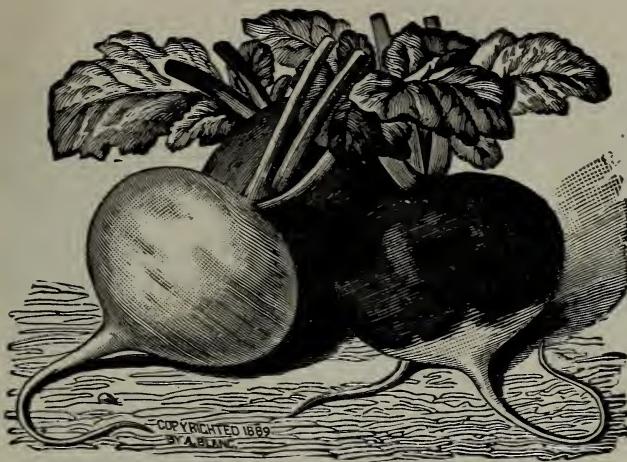
## PUMPKINS

CULTURE.—Same as for squash, or may be planted with corn.

**CONNECTICUT FIELD**,—The popular one for general crop, usually  
grown in corn fields for stock. Prices on application.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.
<b>KING OF THE MAMMOTHS</b> ,—Grows very large, round, flat, yellow,	.10	.25	.75
<b>SWEET OR SUGAR</b> ,—Small, round, yellow, excellent for pies,	.05	.15	.50

"Our Seeds are Northern Grown, None Better at Any Price."



## RADISH

CULTURE.—Sow as soon as ground is dry, in rows 8 to 12 in. apart, and every 10 days after for succession, up to middle of June. Light, rich soil.

### EARLY ROUND DARK RED,—

Early, pleasant flavored, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$2.00 lb.

### EARLY SCARLET TURNIP,—

Popular, quick grower, mild flavor, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$2.00 lb.

### SCARLET TURNIP, WHITE TIPPED,—

Very early, fine quality, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$2.00 lb.

**OLIVE SHAPED SCARLET,—**Early, flesh firm and crisp, 5c pkt., 20c oz., 60c  $\frac{1}{4}$  lb., \$2.00 lb.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
<b>ROSY GEM,—</b> Globe-shaped, deep scarlet on top blending to white on the bottom, very fine,	.05	.15	.50	1.60

**FRENCH BREAKFAST,—**Olive-shaped, white-tipped, popular,

**SCARLET GLOBE,—**One of the earliest, good for forcing or open ground culture, crisp and tender,

**LONG SCARLET SHORT TOP,—**The old favorite,

**LONG ICICLE,—**Pure white, fine flavor,

**WHITE LADY FINGER OR VIENNA,—**The finest of the long, white radishes,

**WHITE STRASBURG,—**Long summer variety of good quality,

## Winter Radishes

**ROUND BLACK SPANISH,—**Skin black, globe-shaped, tender,

**LONG WHITE SPANISH,—**Skin white, mild,

**ROSE CHINA WINTER,—**Rose-colored skin, flesh white, quality excellent,

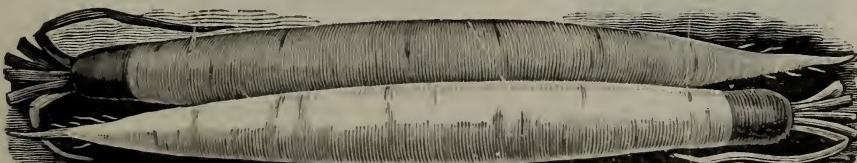
## RHUBARB

CULTURE.—Sow seed in March in cold frame, keep from freezing, transplant to open ground in about 8 weeks, in rows 12 in. apart each way. The following spring transplant to 4 or 5 feet apart each way. Ground should be very rich. Cover in fall with thick dressing of coarse manure, spade under in the spring.

**VICTORIA,—**A popular variety, 10c pkt., 25c oz.

**ROOTS,—**Each 25c, \$2.00 doz.

## SALSIFY OR VEGETABLE OYSTER



CULTURE.—Sow as early as ground can be worked in spring, in drills 12 in. apart, 1 in. deep. Thin to 6 in. in row. Cultivate and treat as parsnips.

**MAMMOTH SANDWICH ISLAND,—**The best variety, 10c pkt., 35c oz., \$1.25  $\frac{1}{4}$  lb.

"Our Seeds are Northern Grown, None Better at Any Price."

## SPINACH



**LONG-STANDING THICK-LEAVED**,—Dark green, stands a long time before going to seed, 5c pkt., 10c oz., 30c  $\frac{1}{4}$  lb., 90c lb.

**NEW ZEALAND**,—Should be started and transplanted, grows well during the hot weather. Seed should be soaked in hot water before sowing,

**THICK-LEAVED ROUND**,—One of the best, leaves large, thick, crumpled,

**PRICKLY WINTER**,

**CULTURE**,—Sow early in spring in drills one ft. apart. As it grows, thin out for use. For fall use sow in August. Sow New Zealand in hills two feet apart each way, three or four seeds in hill. This is fit for cutting all summer.

**BLOOMSDALE SAVOY LEAVED**,—Crinkled leaves, hardy, fine quality, 5c pkt., 10c oz., 30c  $\frac{1}{4}$  lb., 90c lb.

**LARGE VIROFLAY**,—Leaves thick, roundish, heavy cropper, 5c pkt., 10c oz., 30c  $\frac{1}{4}$  lb., 90c lb.

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
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.10	20	.60	\$1.75
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## SQUASH—Summer Varieties

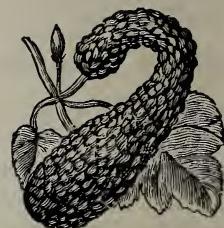
**CULTURE**.—Sow in hills same time and manner as cucumbers and melons, the bush varieties 3 to 4 feet and running 6 to 9 feet.

**WHITE BUSH SCALLOP**,—Very early, Pkt. Oz.  $\frac{1}{4}$ Lb. Lb. good shipper, .05 .25 .75 2.00

**YELLOW BUSH SCALLOPED**,—Same as above, excepting color, .05 .25 .75 2.00

**GIANT SUMMER CROOKNECK BUSH**,—The favorite summer variety, .05 .25 .75 2.00

**VEGETABLE MARROW**,—Summer and fall variety, outside yellow, flesh white, .10 .50 1.50



## Fall and Winter Varieties

Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
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**BOSTON MARROW**,—Fine fall variety, oval, bright orange, .05 .25 .75 2.50

**DELICIOUS**,—Green skin, orange flesh, fine grained, sweet and dry, .05 .25 .75 2.50

**IMPROVED HUBBARD**,—The leading variety, fine, grained, dry, excellent, flavor, .05 .25 .75 2.50

**IMPROVED MARBLEHEAD**,—Similar to Hubbard, a trifle earlier, .05 .25 .75 2.50

**MAMMOTH CHILI**,—Orange yellow, grows very large, .05 .25 .75 2.50

**SUNFLOWER**,—See Flower Seeds.

**TOBACCO**,—Connecticut Seed Leaf, 10c pkt., 75c oz.

"Our Seeds are Northern Grown, None Better at Any Price."

## TOMATO



CULTURE.—Sow thinly in March in hotbed or in boxes in the house; when 2 inches high set out plants in boxes, four inches apart or pot singly. If again transplanted before setting in the ground they will be benefited. Plant out about June 1st. Set deeply 4 feet each way. Make hills very rich. Support with frame work or train to stakes.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	
ACME,—Early, smooth, solid, color purplish red,	.10	.50	\$1.50	
BEAUTY (Livingston's),—Large, smooth, solid, purplish red,	.10	.50	1.50	
CHALK'S EARLY JEWEL,—New, large, solid, smooth, bright red, very early,	.10	.50	1.50	
CORELESS (Livingston's),—Almost round, bright red, very productive, Ripens all over at once, almost free from green core, fine for slicing,	.10	.60	2.00	
CRIMSON CUSHION,—Very large, scarlet crimson, few seeds, fine new variety,	.15	.85	3.00	
DWARF CHAMPION,—Vine compact and upright, very early, smooth, color same as Acme,	.10	.50	1.50	
EARLIANA,—Extra early, bright red,	.10	.50	1.50	
FAVORITE, (Livingston's),—Large, smooth, productive, good shipper,	.10	.50	1.50	
PERFECTION, (Livingston's),—Early, regular, productive, blood-red, few seeds,	.10	.50	1.50	
PONDEROSA,—One of the largest, solid, good flavor, bright red,	.15	.85	3.00	
RED CHERRY,—Fruit small, about $\frac{5}{8}$ inch in diameter, fine for preserves,	.15	.75		
STONE,—Very solid, deep red, apple shape, large, good shipper,	.10	.50	1.50	
YELLOW PLUM,—Plum shaped, deep yellow, fine flavored,	.10	.75		
TROPHY, Extra Selected,—A standard late sort,	.10	.50	1.50	

## TURNIP

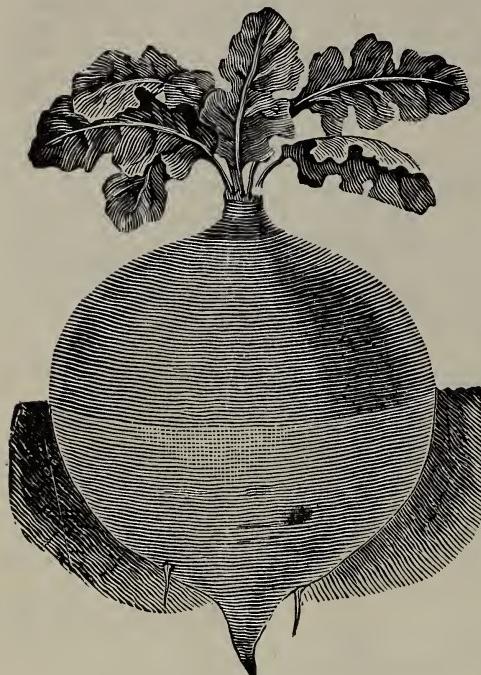


CULTURE.—For early turnips sow as soon as ground can be worked. For fall and early winter sow from middle of July to August. Sow Ruta Bagas in June or early in July in drills 18 in. apart; thin from 6 to 9 inches; soil should be rich and well worked. The early varieties may be sown broadcast, but Ruta Bagas should be sown in drills.

	Pkt.	Oz.	$\frac{1}{4}$ Lb.	Lb.
EARLY SNOWBALL, — Round, medium size, fine quality,	.05	.15	.50	\$1.75
EARLY WHITE FLAT DUTCH,—Sweet and fine grained,	.05	.15	.50	1.75
EXTRA EARLY PURPLE TOP MILAN,—The earliest turnip grown,	.05	.25	.85	3.00
LONG WHITE COWHORN,—Roots carrot shaped, flesh firm, white and sweet,	.05	.15	.50	1.75
PURPLE TOP STRAP-LEAVED,—The leading variety for sowing broadcast, good for stock or table use,	.05	.15	.50	1.50
PURPLE TOP WHITE GLOBE,—Good for stock or table,	.05	.15	.50	1.50
IMPROVED GOLDEN BALL,—An excellent table variety, round, yellow fleshed, sweet and solid,	.05	.15	.50	1.75
WHITE EGG,—Good yielder, flesh firm, fine grained and sweet,	.05	.15	.50	1.50
YELLOW ABERDEEN,—Flesh pale yellow, tender, fine flavored,	.05	.15	.50	1.50
YELLOW GLOBE,—Good for general crop, grows large, good keeper,	.05	.15	.50	1.50
YELLOW STONE,—Good table variety, good keeper,	.05	.15	.50	1.50

"Our Seeds are Northern Grown, None Better at Any Price."

## TURNIP—(Continued)—*Ruta Baga* or Swedish Varieties



### IMPROVED AMERICAN PURPLE TOP,—

The favorite yellow fleshed winter turnip,  
5c pkt., 15c oz., 50c  $\frac{1}{4}$  lb., \$1.75 lb.

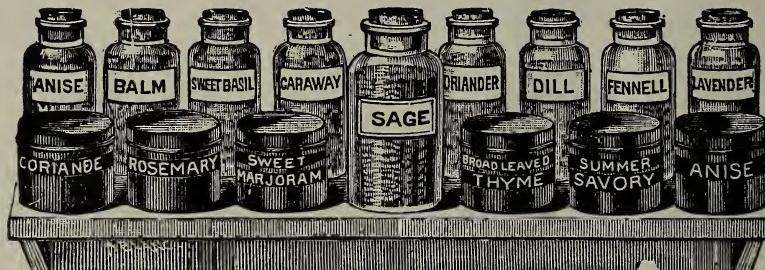
### LONG ISLAND PURPLE TOP,—One of the best, flesh yellow, solid, sweet, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

### SHAMROCK SWEDE,—An excellent yellow fleshed variety, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

### WHITE SWEDE,—A superior white fleshed variety, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

### WHITE SWEET GERMAN,—A fine sweet winter variety, good keeper, 5c pkt., 15c oz., 50c $\frac{1}{4}$ lb., \$1.75 lb.

## HERBS



	Pkt.	Oz.
ANISE,—For garnishing and flavoring.	.10	.40
BALM,—Used for making balm tea.	.10	.50
CARAWAY,—For flavoring.	.10	.50
CORIANDER,—For flavoring.	.05	.10
DILL,—For flavoring.	.10	.20
HOREHOUND,—Used for its tonic properties.	.10	.50
LAVENDER,—Leaves very fragrant.	25	1.00
ROSEMARY,—Leaves very fragrant.	.10	
RUE,—Used for medicinal purposes.	.10	
SAGE,—A medicinal and flavoring herb.	.15	.75
SWEET BASIL,—Leaves used for flavoring.	.10	.30
SWEET FENNEL,—Seeds aromatic.	.10	.20
SWEET MARJORAM,—Used for seasoning.	.15	.75
SUMMER SAVORY,—Used for seasoning.	.10	.50
THYME,—Used for seasoning.	.15	1.00
WORMWOOD,—Used for medicinal purposes.	.10	.60

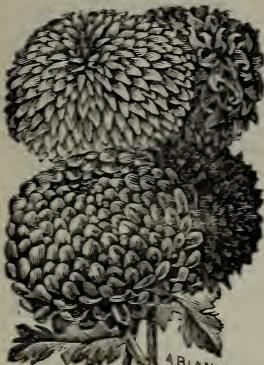
"Our Seeds are Northern Grown, None Better at Any Price."

# FLOWER SEEDS

## STANDARD VARIETIES.

Those marked  $\equiv$  are climbers

ALYSSUM, Sweet, white, very fragrant, annual,	These marked # are climbers	.05
AMARANTHUS—"Joseph's Coat,"—Ornamental foliage plant, easily cultivated, very showy, annual, mixed,		.05
ANTIRRHINUM,—"Snap Dragon,"—Half hardy perennial. An old favorite border plant, blooms the first season, but the flowers are stronger the second year, grand for cutting,		.05
	<b>ASTERS</b>	
	One of the most popular and useful of our annuals.	
VICTORIA,—Finest Mixed,—Flower very large and double, considered all in all one of the most satisfactory strains of asters		.10
COMET,—Mixed,—Large beautiful flowers, resembling the Japanese Chrysanthemum,		.10
PERFECTION WHITE,—Large flowers, one of the best of the white asters,		.15
CHINA,—Mixed Colors,		.05
Mixed Double—An old favorite summer garden annual,		
BALSAM, (Lady Slipper)—See Centaurea and Globe Amaranth.		.10
	<b>CALLIOPSIS OR COREOPSIS,—Mixed Colors,</b>	
—Showy summer bedding annuals, producing a profusion of every shade of yellow, orange, crimson, red and brown.		.05
CAMPANULA,—Canterbury Bells,—“Cup and Saucer.” The finest variety with white and blue flowers, resembling a cup and saucer, hardy perennial,		.10
#CANARYBIRD VINE,—Yellow flower, rapid climber,		.10
CANDYTUFT,—Mixed Annual,—For massing in beds or borders, fine for cutting,		.05 .30
CANDYTUFT,—White—		.05 .40
CARNATION MARGUERITE,—Finest Mixed,		
These beautiful flowers are very fragrant, great favorites, comparatively easy to cultivate,		.10
CARNATION GIANT MARGUERITE,—Finest Mixed,		.15
CASTOR OIL PLANT,—See Ricinus.		
CELOSIA OR COCKSCOMB,—Glasgow Prize,—Popular annuals of easiest culture,		.10
CELOSIA,—Mixed,		.10
CENTAUREA,—“Bachelor Buttons,”—Mixed, a very old favorite garden annual,		.05
CLARKIA,—Hardy Annual,—Mixed,		.10
#COBAEA SCANDENS,—Mixed rapid growing climber, flowers large and bellshaped, plant seeds edgewise, cover lightly,		.10
COLUMbine,—Double Mixed.—A most desirable border plant,		.05
#CONVOLVULUS MAJOR,—Tall Morning Glory. A rapid free flowering climber,		.05 .20
CONVOLVULUS MINOR,—Dwarf Morning Glory,		.05
COSMOS,—Extra early fancy mixed,—One of the notable fall flowers,		.10
#CYPRESS VINE,—Mixed,—Summer climbing annual with feathery foliage and star-shaped flowers, borne in clusters,		.10
DIANTHUS, OR PINKS,—		.05
The Dianthus is one of the most beautiful and satisfactory of the garden annuals; they are unrivaled for brilliancy and profusion of bloom.		
DIANTHUS CHINENSIS,—China Pink,—Mixed double, 5c pkt.		



## Aster



## Calliopsis

These beautiful flowers are very fragrant, great favorites, comparatively easy to cultivate.

CARNATION GIANT MARGUERITE,—Finest Mixed,

**CASTOR OIL PLANT**,—See Ricinus.

**CELOSIA OR COCKSCOMB**,—Glasgow Prize,—Popular annuals of easiest culture,

**CELOSIA,—Mixed,**

CENTAUREA, — “

**CLARKIA.**—Hardy Annual.—Mixed,

### *COBAEA SCANDENS*,—Mixed rapid.

bellshaped, plant seeds edgewise, cover lightly, 10



## Dianthus Chinensis

"Our Seeds are Northern Grown, None Better at Any Price."

## FLOWER SEEDS—(Continued)

**DIANTHUS HEDDEWIGII**,—Japan Pink,—

Mixed Double, 10c pkt.

#**DOLICHO**S,—Hyacinth Bean,—Mixed annual climbing plant of rapid growth, 5c pkt.

**ESCHSCHOLTZIA**,—"California Poppy",—Mixed single, very attractive for edgings or masses, large handsome flowers of yellow, orange and white, 5c pkt.

**FORGET-ME-NOT**,—"Myosotis"—Mixed, bears clusters of lovely small flowers,—hardy perennial, 10c pkt.

**FOUR O'CLOCK**,—See Marvel of Peru.

**GAILLARDIA**,—Mixed, exceedingly beautiful annuals, blossoms from early summer until frost, unrivalled for cutting, 5c pkt.

**GLOBE AMARANTH**,—Mixed, a species of Bachelor Button, very ornamental, a summer blooming plant, 5c pkt.



Dianthus Hedewigii

**HELIOTROPE**,—Finest mixed,—Deliciously fragrant flowering plant, tender perennial, 10c pkt.



Eschscholtzia

**HOLLYHOCK**,—Double mixed,—choice, 10c pkt.

**HYACINTH BEAN**,—See Dolichos.

**LARKSPUR**,—Double dwarf rocket, mixed,—Free flowering hardy annuals, flowers borne in long spikes, 5c pkt.

**LOBELIA**,—Erinus, mixed, a trailing plant, producing bright blue, white or rose flowers, 10c pkt.

**LOVE-IN-A-MIST**,—"Nigella,"—Dwarf, double, foliage feathery, with white or blue flowers, pretty annuals, 5c pkt.

**MARIGOLD**,—Double African Mixed,—Very effective for groups and masses; a favorite annual, 5c pkt.

**MARIGOLD**,—Double French Dwarf,—Mixed, 5c pkt.

**MARVEL OF PERU**,—"Four O'

Clock,"—Mixed, beautiful summer blooming annual of bushy habit, large flowers of white, yellow, crimson and striped, 5c pkt.

**MIGNONETTE**,—Large flowering, the common sweet mignonette, very fragrant, 5c pkt. 25c oz.

**MIGNONETTE MACHET**, The Dwarf French variety, with broad spikes of fragrant red flowers, one of the best varieties for outdoor culture, 10c pkt.



Double African Marigold

**MIGNONETTE**,—Defiance,—Produces mammoth spikes deliciously fragrant, one of the best for indoor culture, 10c pkt., 75c oz.

**MYOSOTIS**,—See Forget-me-not.

#**JAPANESE IMPERIAL MORNING GLORY**,—Mixed, rapid climber, producing mammoth flowers; great variety of coloring, 5c pkt.

**MORNING GLORY**,—See Convolvulus.



Mignonette Machet

"Our Seeds are Northern Grown, None Better at Any Price."

## FLOWER SEEDS—(Continued)

**#NASTURTIUM**,—Tall, finest mixed, beautiful and luxuriant climber, of easiest culture, flowering until frost comes, 5c pkt., 15c oz., 50c  $\frac{1}{4}$  lb., \$1.50 lb.

**NASTURTIUM**,—Dwarf, finest mixed, very popular and showy for masses and border, 5c pkt., 15c oz., 60c  $\frac{1}{4}$  lb., \$1.75 lb.

**NICOTIANA**,—*Affinis*,—Very fragrant, 5c pkt.

**PETUNIA**,—Single large flowering, mixed, many beautiful colors and combinations, 10c pkt.

**PETUNIA**,—Double large flowering, mixed, a magnificent strain, very beautiful shades, 25c pkt.

## PANSIES

**HOWARD'S EXTRA LARGE-FLOWERED CHOICE MIXED PANSIES**,—This is a very choice strain of Pansy seed, and under proper cultivation produces mammoth flowers of the most beautiful colors, 25c pkt.



Howard's Extra Large Flowered Choice  
Mixed Pansies. Pkt. 25c.

**ENGLISH FINEST MIXED**,—10c pkt.  
**GOOD MIXED**,—5c pkt.

**PHLOX**—*Drummondii-grandiflora* mixed, for beds and massing nothing can surpass these beautiful annuals, 10c pkt.

**PHLOX**,—Dwarf or *nana compacta*, mixed, these form little round compact bushes about six inches high, thickly studded with flowers, 10c pkt.

**PINKS**,—See *Dianthus* and *Carnation*.

**POPPIES**,—Single Mixed, great variety of colors, very showy, 5c pkt.

**POPPIES**,—California—See *Eschscholtzia*.

**POPPIES**,—Mixed carnation flowered, 5c pkt.

**POPPIES**,—Iceland Mixed,—10c pkt.

**POPPIES**,—Shirley Finest Mixed,—Extra Fine strain, 5c pkt.

**PONTULACA**,—Single mixed, brilliant dwarf annuals, 6 in. high, for low beds and masses of color they are indispensable, 5c pkt.

**PONTULACA**,—Double, these make perfectly gorgeous masses of color, 10c pkt.

**RICINUS**,—Castor Oil Plant, mixed, rapid growing foliage, annual, palm leaves, 5c pkt., 25c oz.

**SALPIGLOSSIS**,—Large flowering mixed, a beautiful flowering annual, bearing large flowers of many pretty colors, 10c pkt.

**SALVIA SPLENDENS**, Bonfire,—Perennial but blooms the first season, bright scarlet, fine for bedding, 10c pkt.

**SCABIOSA**,—Mourning Bride, Showy border plant. Dwarf, double mixed, 5c pkt.

**STOCKS**,—Large Flowering Ten Weeks, mixed, highly fragrant, very pretty and a deservedly popular annual, 10c pkt.

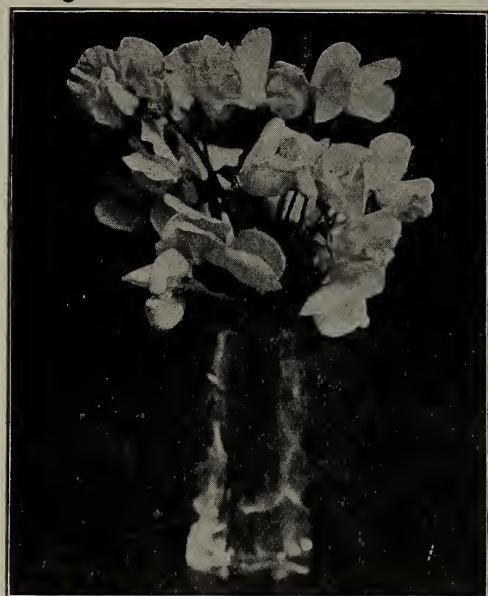
**SUNFLOWER**,—Double Dwarf, 5c pkt.

**SUNFLOWER**,—Mammoth Russian, 5c pkt.,



Phlox-Drummondii

## FLOWER SEEDS— SWEET PEAS



Our list of Sweet Peas has been carefully revised with a view of keeping it strictly up to date. Should you miss some old favorite in the list, it has been discarded in favor of an improved sort. White seeded varieties should not be sown until the ground is comparatively dry and warm. If sown under wet and cold conditions the seed may rot in the ground. With few exceptions Sweet Peas are black seeded and do not appear to be affected like the white seeded sorts.

Pkt. Oz.  $\frac{1}{4}$ Lb.  $\frac{1}{2}$ Lb. Lb.

### APPLE BLO-

**SOM**,—Rose and  
BlushWhite, .05 .15 .40 .70 \$1.25

### BLACK KNIGHT,

—Very deep  
maroon shaded  
black, .05 .15 .40 .70 1.25

### BLANCHE

**BURPEE**,—  
Superb, is  
pure white, .05 .15 .40 .70 1.25

### BLANCHE FER-

**RY**,—Pink  
and white  
wings, .05 .15 .40 .70 1.25

COUNTESS OF RADNOR,—Delicate lavender,	.05	.15	.40	.70	1.25
DOROTHY ECKFORD,—Pure, white, beautiful large flowers,	.05	.15	.40	.70	1.25
HON. MRS. E. KENYON,—The finest primrose yellow,	.05	.15	.40	.70	1.25
JANET SCOTT,—A grand deep rich pink,	.05	.15	.40	.70	1.25
KING EDWARD VII,—Bright crimson splendid,	.05	.15	.40	.70	1.25
LADY GRISEL HAMILTON,—A grand pale lavender,	.05	.15	.40	.70	1.25
LORD NELSON,—The richest deep navy blue,	.05	.15	.40	.70	1.25
MISS WILMOTT,—Brilliant orange pink, very large,	.05	.15	.40	.70	1.25
MRS. WALTER WRIGHT,—An exquisite shade of mauve,	.05	.15	.40	.70	1.25
PRINCE OF WALES,—The finest bright rose,	.05	.15	.40	.70	1.25
QUEEN ALEXANDRA,—Bright scarlet, red, almost true scarlet	.05	.15	.40	.70	1.25
<b>HOWARD'S SPECIAL MIXTURE</b> , of selected, named Grandiflora varieties.	.05	.15	.40	.70	1.25

### HOWARD'S SPECIAL SPENCER MIXTURE of Named

Spencer Varieties,	.10	.30	1.00	1.75	3.00
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### MIXED COLORS,—Fine Mixture,

.05	.15	.30	.55	1.00
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## SPENCER VARIETIES—Sweet Peas

These are noted for their unusually large-sized flowers and for the waved or fluted appearance of the petals. They are frequently referred to as "Orchid-flowering" Sweet Peas.

COUNTESS SPENCER,—A lovely soft rose-pink, shading deeper at the edges,	Pkt. Oz.
	.10 .50
FLORENCE MORSE SPENCER,—Delicate blush, with pink margin very large,	.10 .50
FLORENCE NIGHTINGALE,—Largest and finest pure lavender,	.10 .50
KING EDWARD SPENCER,—Bright Crimson Scarlet,	.10 .50
PRIMROSE SPENCER,—The finest primrose-yellow,	.10 .50
WHITE SPENCER,—A pure wavy white, very large,	.10 .50
SWEET WILLIAM,—Single mixed, an old favorite, rich variety of color, deliciously sweet scented, 5c pkt.	
VERBENA,—Finest mixed, for garden beds or massing, the verbena is unrivaled; flowers from spring until late in autumn, 10c pkt.	
WALLFLOWER,—Double large flowering mixed, exquisitely fragrant, long spikes of double flower, hardy perennial, 10c pkt.	
ZINNIA,—Double mixed, Dwarf, very showy, free flowering, hardy annual, 10c pkt.	

**BIRD SEEDS**

CHOICE MIXED,	per lb.,	20c
CANARY,—Choice Sicily,	"	20c
HEMP,—	14c, 2 lbs.	25c
MILLETT,—per lb.	10c, 3 lbs.	25c

RAPE,—per lb.	14c, 2 lbs.	25c
SUNFLOWER,—Mammoth Russian,		10c per quart

**VEGETABLE ROOTS**

ARTICHOKE JERUSALEM,	.....	30c qt.
ASPARAGUS ROOTS,—See page 2.		
CHIVES,	.....	25c per bunch
HORSE RADISH ROOTS,—Cut in pieces.	.....	30c per doz., \$1.50 per 100
TARRAGON PLANTS,	.....	35c each

**List of GRASSES and CLOVER Adapted to this Climate  
PRICES SUBJECT TO MARKET CHANGES**

	Weight Per Bushel.	Weight Per Bushel.
CANADA BLUE GRASS,—Val- uable for dairy pastures, 38 lbs. to acre, 14 lbs.		which it imparts to the hay, 3 lbs. to acre with other grasses, 10 lbs.
CREEPING BENT GRASS,—Ex- cellent for lawns, succeeds well in most situations, 60 lbs. to acre, 20 lbs.		TALL MEADOW FESCUE,—Very early, nutritive and productive. Good for pastures on wet or clay soils, 40 lbs. to acre, 14 lbs.
ENGLISH RYE GRASS,—A val- uable grass, 60 lbs to acre, 24 lbs.		TALL MEADOW OAT GRASS,— Recommended for soiling, being rapid and luxuriant in its growth 50 lbs. to acre, 10 lbs.
HARD FESCUE,—A dwarf grow- ing grass, succeeding well in dry situations, 30 lbs. to acre, 12 lbs.		TIMOTHY OR HERD GRASS,— The most important of hay grasses. The seed we offer is of the very highest quality, 25 lbs. to acre, 45 lbs.
HUNGARIAN GRASS,—Is a val- uable annual forage plant, 1 bush- el to the acre, 48 lbs.		VARIOUS LEAVED FESCUE,— Valuable for permanent pasture, especially on high altitudes, 40 lbs. to acre, 14 lbs.
ITALIAN RYE GRASS,—Thrives in almost any soil and yields early and practically annual; abundant crops, 50 lbs. to acre, 18 lbs.		WOOD MEADOW GRASS,—Of early growth, thriving well under trees, 14 lbs.
KENTUCKY BLUE GRASS,— Fancy, valuable for lawns and pastures, 50 lbs. to acre, 14 lbs.		ALFALFA OR LUCERNE,— In light soils, particularly in south- ern altitudes, it is invaluable, 25 lbs. to acre, 60 lbs.
MEADOW FESCUE,—Of great value in mixtures for permanent pastures, 50 lbs. to acre, 22 lbs.		ALSIKE OR HYBRID CLOVER,— Equal in nutritive value to the Red or Pea Vine Clover, excel- lent for clover-sick land, 15 lbs. to acre, 60 lbs.
MEADOW FOXTAIL,— Is the principal grass in all rich, nat- ural pastures, 30 lbs. to acre, 7 lbs.		MAMMOTH RED OR PEA VINE CLOVER,— 15 to 20 lbs. to acre, 60 lbs.
ORCHARD GRASS,—One of the most valuable grasses either for pasture or hay, 70 lbs. to acre, 14 lbs.		RED CLOVER MEDIUM,— 15 to 20 lbs. to acre, 60 lbs.
RED TOP GRASS,—In chaff, 4 bushels to acre, 14 lbs.		SCARLET OR CLIMSON CLOV- ER,— Sow in July or August for mowing the ensuing Spring, 20 lbs. to acre, 60 lbs.
RED TOP GRASS, FANCY,—Or ex- tra re-cleaned seed, 32 lbs. to acre, 32 lbs.		SWEET CLOVER,—Grown for Bee food and as a fertilizer, 20 lbs. to acre, 60 lbs.
RHODE ISLAND BENT GRASS, —A very fine variety for lawns, 60 lbs. to acre, 14 lbs.		WHITE CLOVER,— Should be used in all mixtures for perma- nent pasture and for lawns alone, 10 lbs. to acre, 60 lbs.
ROUGH STALKED MEADOW GRASS,—Valuable for pastures and meadows, particularly on damp soil, 30 lbs. to acre, 14 lbs.		OUR SPECIAL GRASS MIXTURE FOR PASTURES,—Usual quantity sown to the acre, 3 bushels. Per bushel of 14 lbs., \$4.75. We recommend sowing separately from this, 10 lbs. mixed clover per acre.
SHEEP'S FESCUE,— Short and dense in growth, excellent for sheep pastures, 40 lbs. to acre, 12 lbs.		OUR SPECIAL GRASS MIXTURE FOR HAY—On ordinary soils use 3 bushels per acre. In ordering state whether soil is dry, medium or wet. Per bushel of 14 lbs., \$5.25.
SWEET VERNAL TRUE PEREN- NIAL,—Emits an agreeable odor,		

OUR SPECIAL GRASS MIXTURE FOR PASTURES,—Usual quantity sown to the acre,  
3 bushels. Per bushel of 14 lbs., \$4.75.

We recommend sowing separately from this, 10 lbs. mixed clover per acre.

OUR SPECIAL GRASS MIXTURE FOR HAY—On ordinary soils use 3 bushels per acre.  
In ordering state whether soil is dry, medium or wet. Per bushel of 14 lbs., \$5.25.

"Our Seeds are Northern Grown, None Better at Any Price."

## GRAINS—Price According to Market and Subject to Change

**BARLEY**,—**2 or 4** rowed, **Choice Montana**, price variable, per bushel 48 lbs;  $1\frac{1}{2}$  to  $2\frac{1}{2}$  bushels to acre.

**BARLEY**,—**York State**,—**Fancy**, Market price.  $1\frac{1}{2}$  to  $2\frac{1}{2}$  bushels to acre.

**BUCKWHEAT**,—**Silver Hull**—48 lbs. per bushel. **Japanese**, 48 lbs. per bushel. 1 bushel to acre.

**OATS**,—**Choice White**—32 lbs. per bushel. 2 to 3 bushels to acre.

**OATS**,—**White Swedish**,—**Selected**,—**Canadian Grown**,—These oats give excellent satisfaction, straw is strong, not apt to lodge, yield very heavy, per bushel 32 lbs. 2 to  $2\frac{1}{2}$  bushels to acre. \$2.25 per bushel.

**RAPE**,—**Dwarf Essex**,—In drills 5 lbs. to acre, broadcast 10 lbs. to acre, per lb. 20c., per 100 lbs., \$15.00. Subject to market changes.

**RYE**,—**Spring**.—For sowing in the spring, 56 lbs. per bushel.  $1\frac{1}{2}$  bushels to acre.

**RYE**,—**Winter**,—For fall sowing, 56 lbs. per bushel.  $1\frac{1}{2}$  bushels to acre.

**SOY or SOJA BEANS**—Good for ensilage or green fodder, not good for hay.  $\frac{1}{2}$  to  $\frac{3}{4}$  bushels to acre in drills.

**VETCHES**,—**Spring Tares**,—60 to 120 lbs. to acre, prices variable.

**VETCHES**,—**Sand Winter, a Hairy Vetch**,—30 to 50 lbs. to acre, prices variable.

**WHEAT**,—**Spring**,—60 lbs. per bushel. **Winter**,—60 lbs. to bushel.  $1\frac{1}{2}$  bushel to acre.

**HUNGARIAN GRASS**,—One of the most valuable soiling plants, excellent for green fodder or hay, yields enormously; sow from June to August, 48 lbs. per bushel. 1 to  $1\frac{1}{2}$  bushels per acre. Market price.

**MILLET**,—**German or Golden**,—Similar to above, flower stem more branching, 50 lbs. per bushel. Market price. 1 to  $1\frac{1}{2}$  bushels to acre.

**MILLET**,—**Japan**,—**Barnyard (Crus-galli)**. Exceedingly heavy yielder, requires very rich soil. 20 lbs. to 30 lbs. to the acre. Per lb. 20c, per 100 lbs. \$15.00, subject to change.

**FLAX**,—Extra re-cleaned, per lb. 15c,  
Special prices on larger quantities.

## LAWN GRASS SEED

OUR LAWN GRASS SEED is a specially reliable mixture of fine growing grasses, entirely free from weed seeds and can be depended on to produce a perfect, velvety green turf if properly sown and cared for. Quantity required per acre, 4 bushels. Price per quart, 25c., 1-2 peck, 90c., peck, \$1.75, bushel, \$7.00.

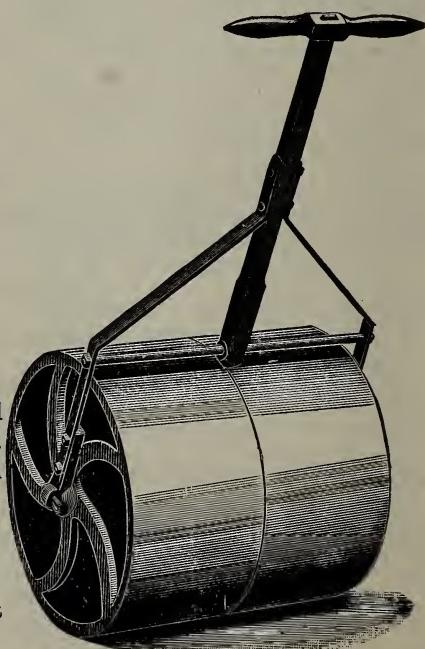
ALL PRICES  
IN THIS CATALOG  
SUBJECT TO CHANGE  
WITHOUT NOTICE

## REPAIRING LAWN MOWERS

We repair and sharpen Lawn Mowers of all kinds, putting them in first-class working order. Should any be sent to us that are too nearly worn out to repair, we will so advise.

## LAWN AND GARDEN ROLLER

Two Sections, each 12x24 inches, weight about 450 lbs. Price \$30.00.



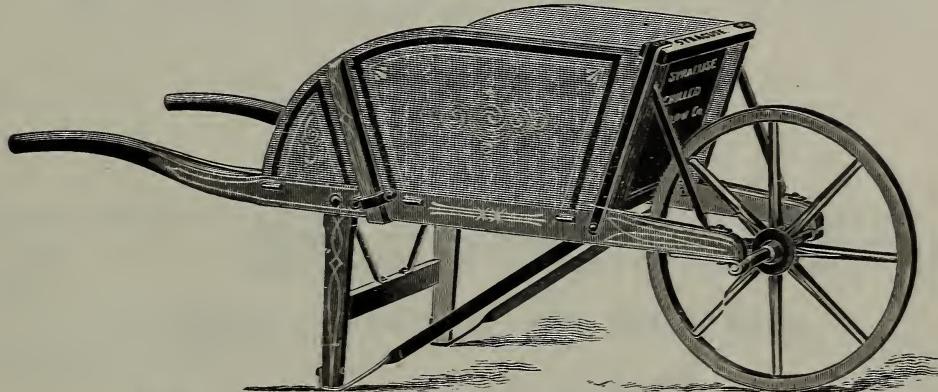
"Our Seeds are Northern Grown, None Better at Any Price."

## BASKETS



Vegetable handles over, No. 1, 18x11x6	\$1.00	One bushel Metallic, Heavy,	\$2.00 and \$2.50
" " " 2, 20x12x6½	1.35	1½ " " "	3.50
" " " 3, 22x14x7	1.50	Two " " "	4.50
" " " 4, 24x14x9	2.00	Cheap Diamond Market.....	.15c to .25
Picking Drop Bail.....	\$1.25, 1.40 and 1.75	Covered Cheap Diamond Market.....	.25c to .60
Berry—One quart standard—market price.		One bushel, Common Stave.....	.40 and .85
Grocers—(out under handles)	.80	" Hand made Oak or Ash. 1.40, 1.85 and 2.50	
" " " " "	\$1.25	1½ bushel Ash,	2.50
		Two " " "	2.75

# GARDEN BARROW



A strong, well-made Garden Barrow, nicely painted.

## PRICE

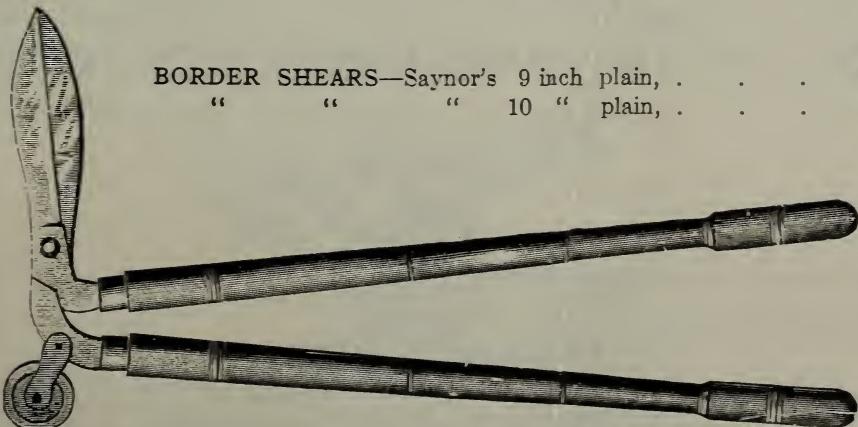
**Boys' Common Size,**

**\$5.50**

9.00

# OUR CUSTOM GARDEN BARROW

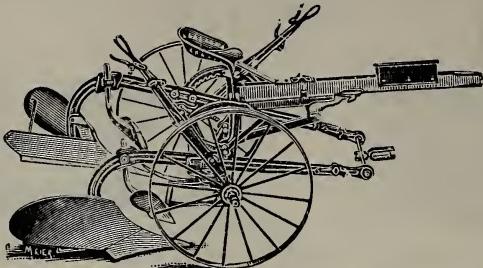
Very strong, heavily ironed—and the best barrov we know of.



## HEDGE SHEARS.

"Saynor's" 9 inch,	\$4.00	"English," medium,	\$6.50
"Saynor's" 10 inch,	4.75	"English," heavy,	7.50
		American,	2.25 and 5.50

## SYRACUSE REVERSIBLE SULKY PLOW



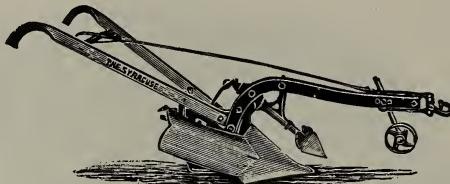
One of the best reversible Sulky Plows made, either for Hillside or Level land. Equipped with Foot Trip which operates power lift, also Foot Regulated Pole Shift, can be used with either two or three horses.

No. 31-39 is the popular size.

Price, Equipped for two or three horses,

\$132.50

## SYRACUSE STEEL BEAM SWIVEL PLOW "822"



This Plow will certainly please you, it is light yet very strong, has ample throat capacity and close-fitting joints to prevent clogging.

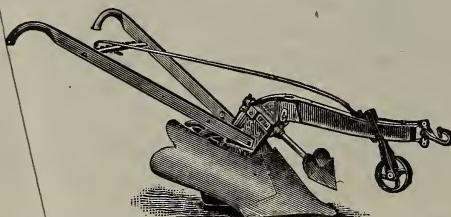
Price complete with Wheel and Jointer, and chilled mouldboard.

\$29.75

" " " " " steel "

32.25

## SYRACUSE NO. 60 SWIVEL PLOW



An excellent working Plow, well-made, strong and reliable.

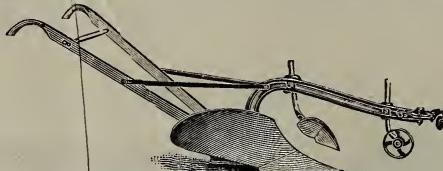
Price complete, with cast mouldboard,

\$26.75

" steel "

28.75

## SYRACUSE STEEL BEAM LANDSIDE PLOW "NO. 31"



A splendid Plow. If you have difficult land to turn, this will do it when other Plows fail.

Price complete with Steel mouldboard,

\$30.25

## CAMBRIDGE NO. 29 PLOW

Light Two Horse Swivel Ploy. Complete with Jointer and Wheel.

\$30.50

## HILLSDALE LANDSIDE PLOW

A very good Low-Priced, Two-horse Plow, Cast Beam.

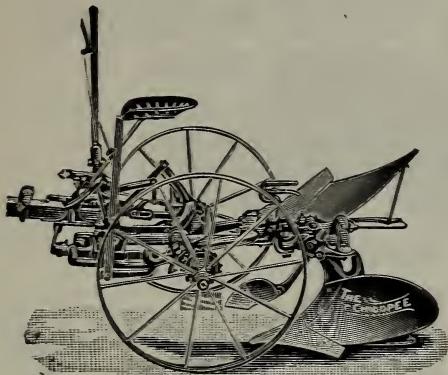
Price Plain,

\$10.80

Price with Wheel,

\$12.00

"Our Seeds are Northern Grown, None Better at Any Price."



### The CHICOPEE REVERSIBLE SULKY PLOW

An excellent reversible Sulky Plow, easily handled, strong and does splendid work on either hillside or level land.

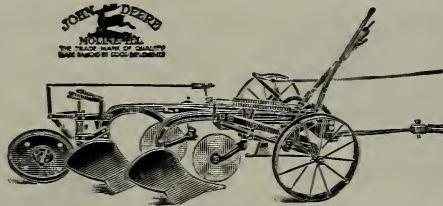
Price complete with Jointers, \$100.00

### The John Deere Two-Way Sulky Plow

One of the standard reliable sulky plows, No. 1441C No. 1341C Weight 652.

Price \$132.50

### John Deere Engine Gang Plow

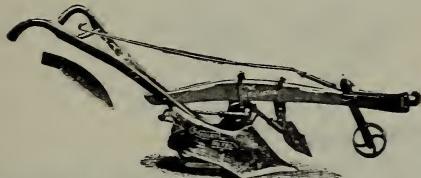


With High and Level Power Lift and quick detachable shares.

No. M. P. 214C—2 Bottom 28 in. cut, weight 790 lbs.,  
Third Bottom and Beam Attachment,

Price \$195.00  
" 60.75

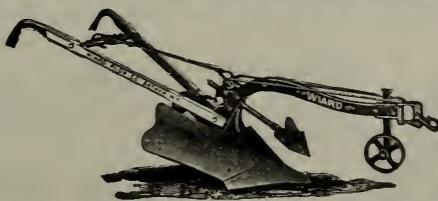
### The Arlington Swivel Plow with Joiner



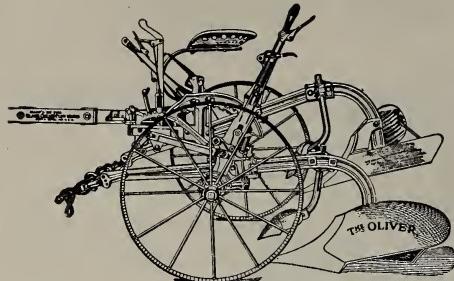
This is one of the best Swivel Plows ever offered to the farmers of Berkshire County. They are very easy for the team and for the man,—are a strong plow, and do nice work. Made either with wood or steel beam. The No. 29 with Wood Beam is the Favorite.

No. 30, Large Two-Horse, complete with Wheel and Joiner, 135 lbs.,	\$28.00
No. 29, Medium Two-Horse, complete with Wheel and Joiner, 125 lbs.,	27.50
No. 27, One-Horse, complete with Wheel and Cutter,	18.75
No. 27, One-Horse, complete with Wheel Only,	16.50

### WIARD SWIVEL PLOW



A good Plow, with an excellent reputation and capable of doing first-class work.	
No. 120, with Steel Beam and Steel Mouldboard, with Wheel and Joiner,	\$31.50
No. 120, with Steel Beam and Cast Mouldboard, " " " "	29.50
No. 126, with Steel Beam and Steel Mouldboard, " " " "	33.00
No. 126, with Steel Beam and Cast Mouldboard, " " " "	30.50



## THE OLIVER REVERSIBLE SULKY PLOW

A very reliable "two-way" sulky plow, strong, easily operated, does excellent work.

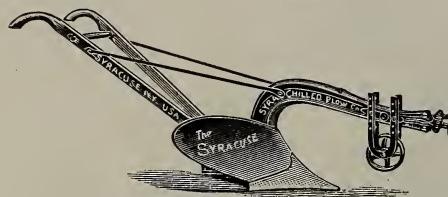
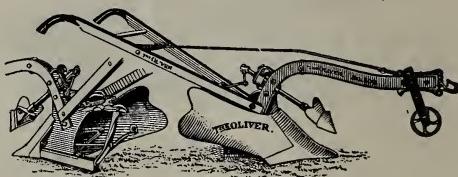
No. 23A—83D is the popular size.

Price \$120.00

## OLIVER SWIVEL PLOW

A Practical Plow

No. 512, complete, . . . . .	\$29.75
No. 513, " . . . . .	31.25

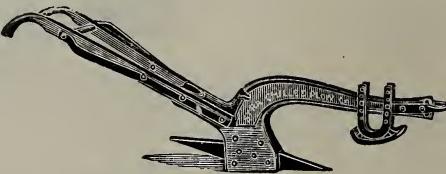


## CONTRACTOR'S PLOW, NO. 1

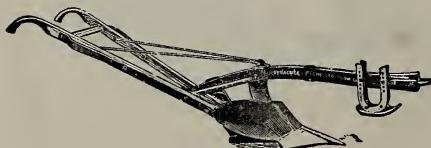
Heavy beam, point and strip. Made especially for grading purposes. Weight 205 lbs. Two or four horses. Price, with wheel, \$30.00

## PAVEMENT PLOW, NO. 98

A favorite with contractors. Has reversible crucible steel point. loop handle wear irons built for hard work, such as tearing up cobblestones and macadam. Four or six horses. Weight 280 lbs., \$45.00



## TRUSS BEAM GRADING PLOW, No. 99



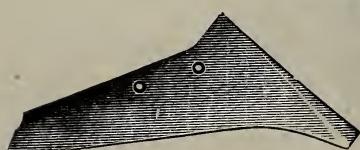
For severe grading purposes in shale or hard pan. Four or eight horses. Weight 310 lbs. \$60.00.

## THE ARMSBY LANDSIDE PLOW

Wood Beam and Cast Mouldboards. For light work we recommend this plow.  
No. 1, Small One-Horse, \$7.50. No. 2, Medium One-Horse, \$9.00. No. 3, Large \$10.75.

## SUBSOIL PLOW

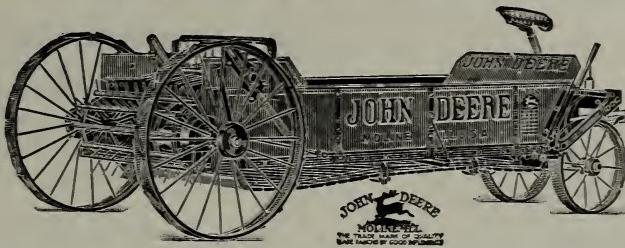
The Subsoil Plow follows in the furrow of the plow, turning the subsoil.  
No. 1, Two-Horse, with draft rod, \$18.00; with draft rod and wheel, \$19.50.



## PLOW REPAIRS

WE CARRY A LARGE STOCK OF PLOW REPAIRS  
AND CAN FURNISH PARTS FOR ALMOST ANY  
PLOW EVER MADE.

# THE JOHN DEERE LOW DOWN MANURE SPREADER

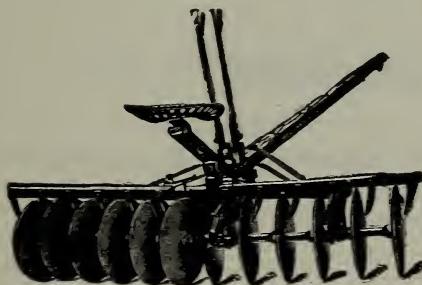
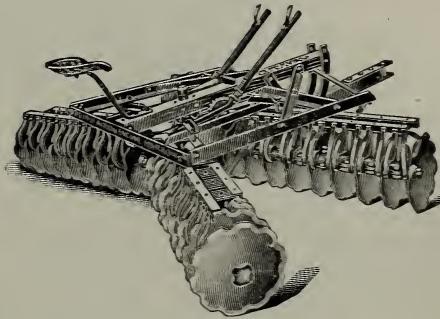


The value of having a spreader Low Down for loading is readily understood. The John Deere is not complicated, is giving splendid satisfaction. Weight of size B—2 Horse, 1813 lbs. Price \$245.00.

## THE CUTAWAY LIGHT TRACTOR HARROW

The Cutaway Light Tractor Harrow has 29 18 inch discs, cuts  $7\frac{1}{2}$  ft. wide, has center disc, weight 965 lbs.

Has very rigid main frame of heavy angle iron stoutly braced. This harrow thoroughly pulverizes the soil leaving it in good level condition. Price \$160.00.



# THE CHICOPEE DISC HARROW

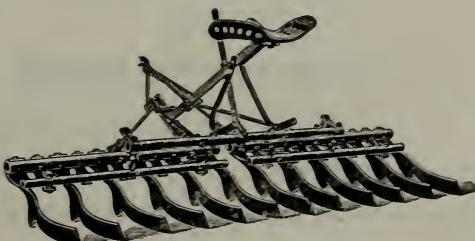
An excellent harrow, made to supply the demand for a little lighter harrow, yet capable of doing a vast amount of good work.

Price complete with Scraper Attachment, Whiffletrees and Evener with 12-16 in. Discs, \$55.00  
" " " " " " " " " " " " " " 12-18 in. Discs, \$62.00

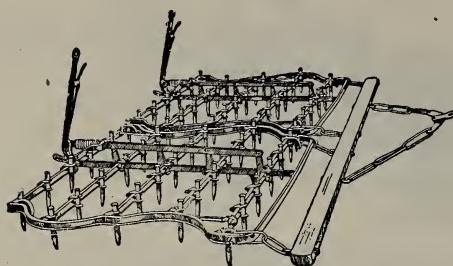
# ACME PULVERIZING HARROW

The "Acme" cuts, crushes, levels, turns and smooths at one operation, making a perfect seed bed. The No. 23 is the standard two-horse size, cuts 6 feet, 6 inches wide, weighs 130 lbs. Price \$31.00

1-Horse, (4 ft. 4 in.) \$22.00



## STEEL FRAME SMOOTHING HARROW



CAN BE INSTANTLY CHANGED  
FROM A SMOOTHING TO A  
REGULAR SPIKE TOOTH  
HARROW. TEETH ARE ADJUST-  
ABLE TO ANY ANGLE BY THE  
LEVERS

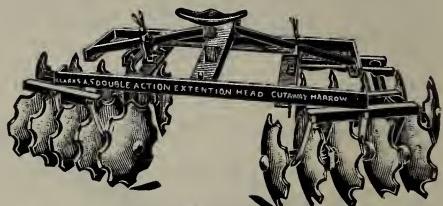
These are the **VERY BEST STEEL SMOOTHING HARROWS** manufactured, strong and well made.

Price—1 Sections, 25 teeth, \$14.00  
“ —2 “ 50 “ 28.00  
“ 2 “ 60 “ 30.00

Price—3 Sections, 75 teeth, \$43.50

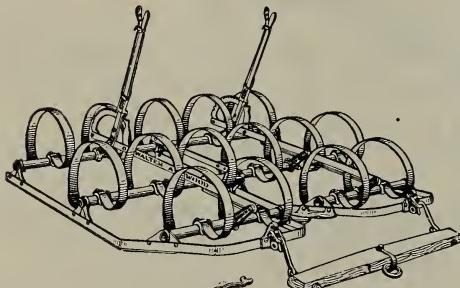
## CLARK'S CUTAWAY HARROW

Clark's Cutaway Harrows are well known and hardly need description here, they are made in Double Action, that is double sets of gangs, (see cut). Regular Double Lever Cutaway, and Double Lever Solid Disc, and in many sizes, the sizes most suitable for this section are:—



Double Action, 20-16 in. Discs, . . . \$92.80 With extension head, \$99.40.  
Double Lever Cutaway, 10-16 in. Discs, 52.00  
“ “ “ 12-16 “ “ 56.70

## SPRING TOOTH HARROWS

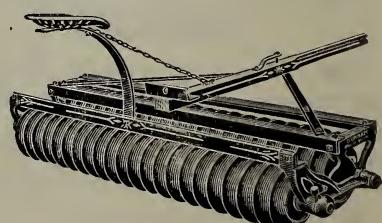


Either McCormick, Wood, or Syracuse, very strong, well made, serviceable harrows and very satisfactory, do excellent work.

Price, 10 Tooth One Horse	19.00
“ 15 “ Two “	30.50
“ 17 “ “ “	33.75

## THE CULTIPACKER

Acts as a roller and pulverizer, Double Gang, front gang 15 in. diameter, rear gang 12 in., is 8 ft. wide, Roller Bearings, and has 43 Sections. Price \$90.00.



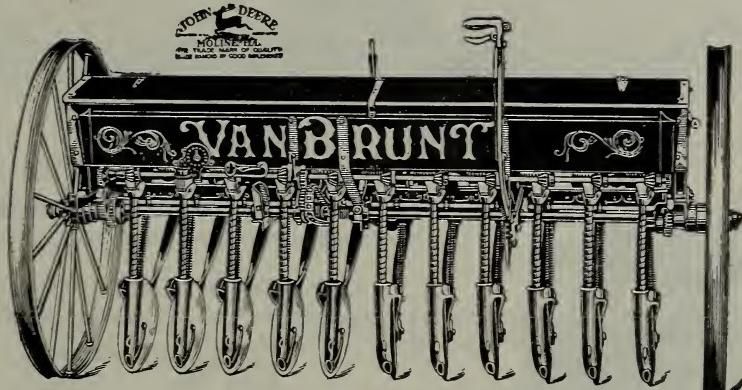


## STEEL FIELD ROLLER

The drum of this roller is steel; it is 24 inches in diameter, has removable dust-proof boxes, closed ends and is an excellent one.

PRICE—3 SECTION—8 FT. 24 IN. DIAM.—  
\$55.00

## VAN BRUNT GRAIN AND FERTILIZER DRILL



This Drill sows Grain, Grass Seed and Fertilizer perfectly. It has a positive force feed, will not break the grain, is light draft, is not complicated, evenly balanced, rests lightly on the horses' necks and is fully warranted. The Disc model is now the favorite, having almost entirely displaced the hoe type. Price 10 tube Disc Drill, Complete \$205.00.

## THE SUPERIOR DRILL

A most excellent Drill, sows Grain, Grass Seed and Fertilizer perfectly. Positive accurate feed. Price with steel tube 10x7 size,

\$205.00



### Eureka Mulcher and Seeder

Three Sizes, 8, 10 and 12 feet wide.



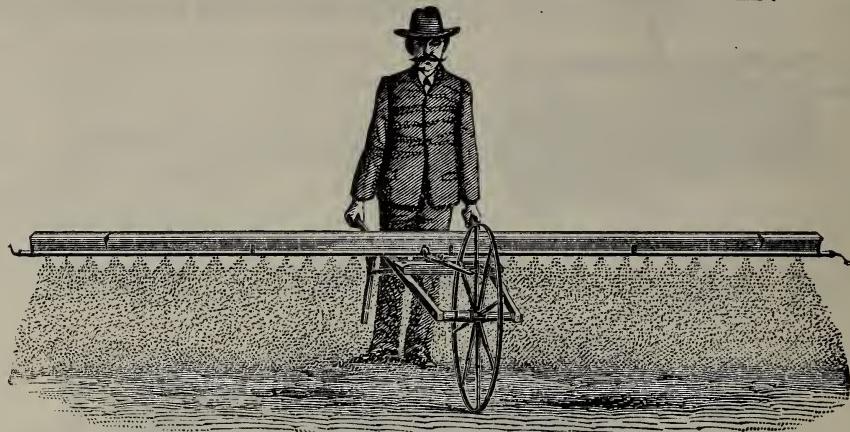
Forms  
dust mulch  
and  
conserves  
moisture.  
  
Weeds and cultivates. Sows and  
covers grass-seed, alfalfa, oats,  
etc. Renews old meadows.

## EUREKA RIDING MULCHER AND SURFACE CULTIVATOR AND GRASS SEEDER.

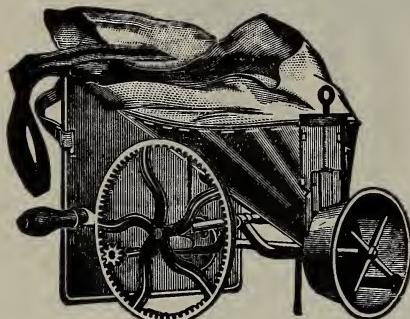
This is an excellent Weeder as well as a surface Mulcher and Cultivator. The Grass Seeder may be attached or detached quickly and is accurate.

Price of 8 foot Mulcher and Grass Seeder. \$48.00

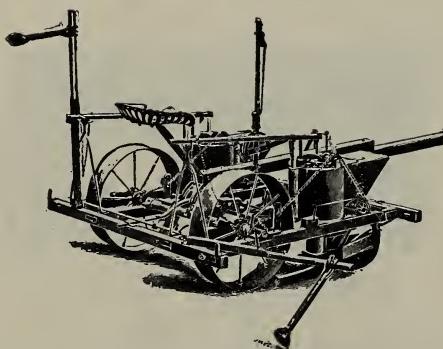
Price of 8 foot Grain Seeding Box, extra. \$9.00

**THOMPSON'S ROYAL GRASS SEEDER**

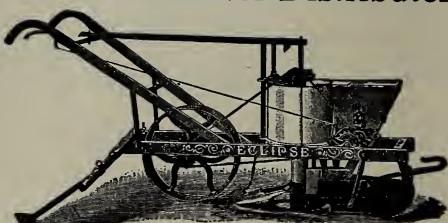
Sows any kind of Grass Seed perfectly and rapidly; width of Seeder Box 14 ft. Price \$15.00.  
Grain Box extra, \$7.00

**Cahoon Broadcast Seed Sower**  
Sows both Grass Seed and Grain. Price \$5.50**Cyclone Broadcast Seeder**  
A very rapid and easily operated seed sower. Price \$3.00

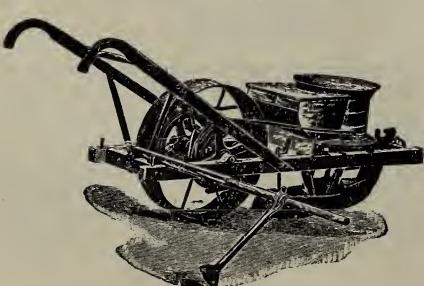
Cahoon Seeder

**Eclipse Corn Planter  
and Fertilizer Distributer**

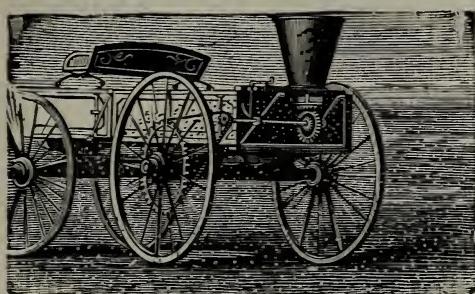
Eclipse Double Row Planter



Plants Corn, Beans, Peas, etc., perfectly,  
and at the same time distributes evenly the  
fertilizer in such a manner that it does not  
come in direct contact with the seed.  
Price, Single Row Planter, \$38.00  
" Double Row Planter, 90.00

**King of Cornfield Corn Planter and  
Fertilizer Sower, \$38.00****AN EXCELLENT PLANTER—VERY SIMPLE IN CONSTRUCTION**

**CornHuskers,** 20c and 35c  
**CornTies**—With four feet of rope, per 100, \$2.25



## STROWBRIDGE IMPROVED

Broadcast Seed and Plaster Sower

From 50 to 75 acres can be sown with one team in a day.

Oats, Rye, Barley, Buckwheat, Hungarian, Grass, Clover, Timothy, and every variety of Seed and Grain requiring broadcasting can be sown with this machine; also with care, Plaster, Lime, Salt and Fertilizers. It can be attached to any farm wagon.

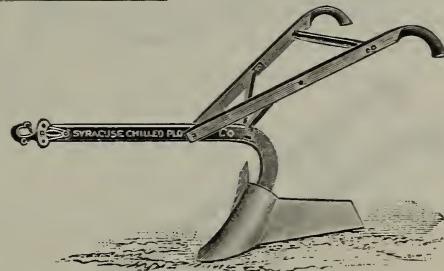
Price with Agitator, \$20.00

" " force feed and grass seed attachment, \$28.00

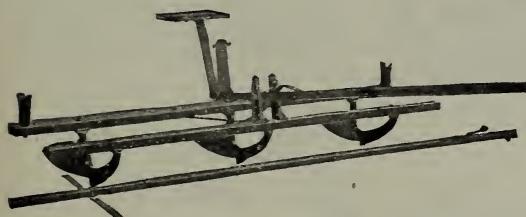
## STEEL BEAM SHOVEL PLOW

Steel Point and Adjustable Steel Wings,  
and the price is only, \$9.00

With Wood Beam, \$7.00



## IMPROVED FURROWER AND MARKER



Marks and Furrows at the same time, adjustable to mark any width or depth. The wearing part of the runners is chilled iron, the wings are steel and the frame is oak, it is a labor-saver.

Price No. 1 makes 3 furrows at once, \$26.25.  
Price No. 2, makes 2 furrows at once, \$19.40.



## HAND CORN PLANTER

Rapid and reliable. Price \$2.75



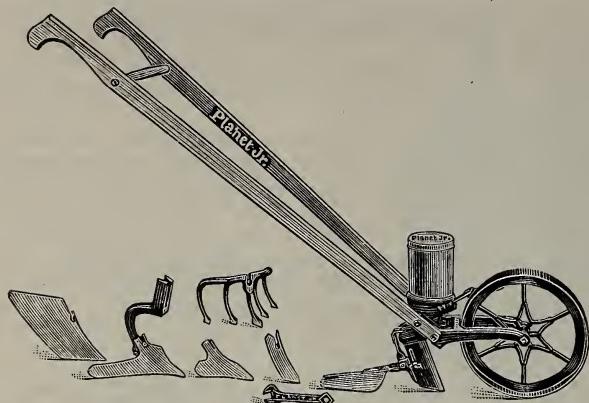
## Our New Potato Ridger, Coverer and Hoe

Next to the complete potato planter this is the best tool for ridging and covering potatoes. It is adjustable in many ways, stands high and is especially valuable for hoeing potatoes.

PRICE WITH POLE and wings as shown, \$15.50

PRICE WITH POLE and 20 inch discs in place of wings, 19.00

**USE THE QUINNIPAC AND MAPES FERTILIZERS TO RAISE NICE POTATOES.**



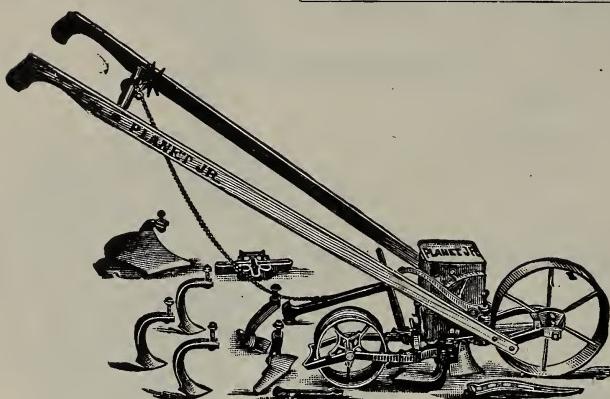
**"Planet Jr." Combined Drill Seeder and Wheel Hoe, No. 31**

This is a combined tool of great value to the gardener who does not feel warranted in purchasing the more expensive market garden machine. It sows from 1-4 in. to 2 inches deep, all kinds of garden seeds, very accurately.

Complete it is called No. 31, price \$13.95.

As a DRILL SEEDER ONLY, it is known as No. 31D, price \$11.25.

As a WHEEL HOE ONLY, it is No. 33, price \$7.20.

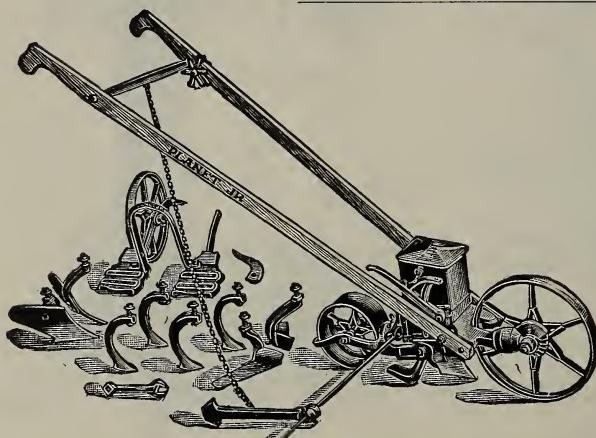


**"PLANET JR." NO. 4  
Combined Hill and  
DrillSeeder, Single  
Wheel Hoe, Cultivator  
and Plow**

Hopper holds two and one-half quarts seed.

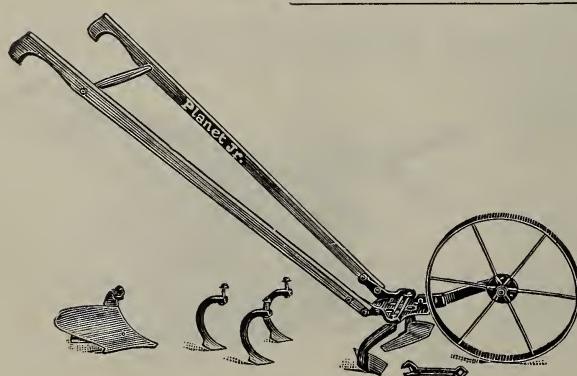
Price complete, - - - \$21.15

As a seeder only, - - - \$16.85



**"PLANET JR."  
NO. 25**

Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. Hopper holds two and one-half quarts. Substantial and accurate, two good machines in one. As a drill it is almost identical with the No. 4 Drill. As a wheel hoe it is identical with the No. 12 Double Wheel Hoe. Price \$23.85.



**"PLANET JR."  
NO. 17**

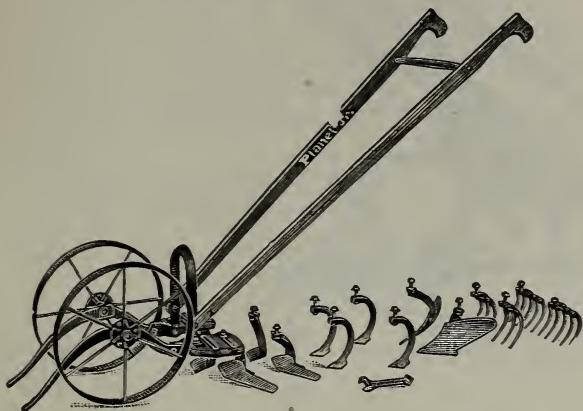
**Single Wheel Hoe**

Consists of one pair 6 in. hoes, three cultivator teeth, one garden plow. Price \$9.70.

No. 16 same as No. 17, but has 2 Rakes and Leaf Guard. Price \$11.50.

**No. 11 "Planet Jr." Double and Single Wheel [Hoe Combined**

as shown. The best combined double and single wheel hoe made.



leaf guards; this we call the Plain Double Wheel Hoe No. 13. Price \$9.90.

With this machine one man can do more and better work than six with ordinary hoes, Capable of almost an endless variety of changes.

Price complete, \$17.10

**PLANET JR. NO. 12, DOUBLE WHEEL HOE, CULTIVATOR AND PLOW,** is identical with the No. 11 except the 4½ in Hoes and the rakes are omitted. PRICE \$13.95

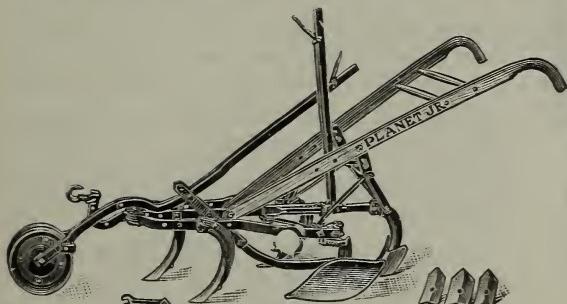
We also sell this with only the long hoes (which are shown attached in cut) and without

**No. 119 GARDEN PLOW and CULTIVATOR**

Price \$5.85

**PLANET JR. NO. 66 SLIDE HOE,—**Equipped with one pair 4 in. hoes and one pair 6 in. hoes. Works between or straddle the rows.

Price \$5.50

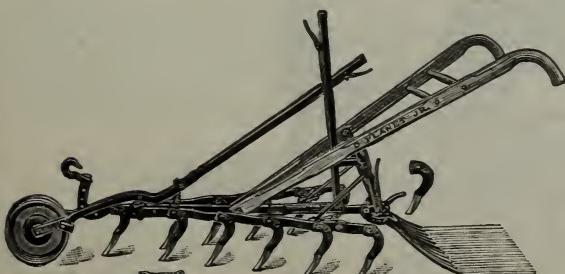
**No. 8 "Planet Jr." All Steel Horse Hoe and Cultivator**

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, it is built extra long, high and strong, has lever for adjusting width, lever for adjusting wheel, which at the same time adjusts the New Depth Regulator. This prevents cultivator settling at the back end.

Price complete as shown with new steel wheel, \$21.25.

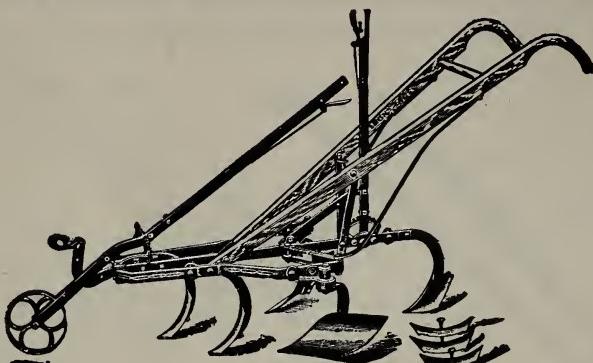
**"Planet Jr." Harrow and Cultivator**

Price complete, No. 90, \$21.25. Price less pulverizer, No. 90B, \$18.00. Price plain with No. 9 wheel and expanding lever, No. 91, \$15.95.



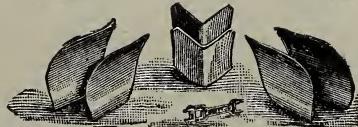
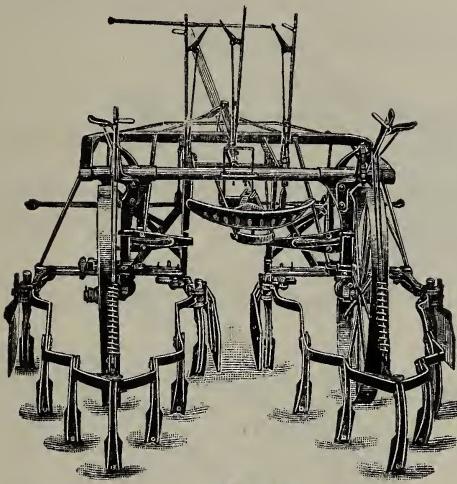
A glance at this cut will convince you that this is a thoroughly practical tool; it is what is called a Harrow, Cultivator and Pulverizer. The handles are adjustable sideways so that you need not walk on the finished work. It is adjustable from 12 to 32 inches in width, and is a special favorite with market gardeners.

## ALL STEEL HORSE HOE AND CULTIVATOR



This is a good implement, not our best but a very good one for little money.  
(All steel but the handles.)

Price complete with hillling wings, but without wheel lever . . . . .	\$10.50
Norcross Hand Garden Cultivator . . . . .	\$1.25



**"Planet Jr." No. 72, F. Two Row  
Pivot Wheel Cultivator, Plow,  
Furrower and Ridger, with  
Spring Trip Standards**

This tool is so designed that the operator can make changes in width of gauge instantly while machine is in motion, thereby adjusting it perfectly to rows varying greatly in width. Think of the saving in cultivating perfectly two rows of potatoes, beans, corn, or any crop planted in rows (any widths from 28 inches to 44 inches apart) at a single passage. It is a remarkably good tool.

Price Complete with (14) Spring Trip Standards,	\$145.00
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Price without Spring Trip Standards,	\$125.00
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## WIARD ADJUSTABLE WEEDEER



Probably as good weeder as there is made, strong, capable of many adjustments, universally liked if used as intended. PRICE, \$15.00.

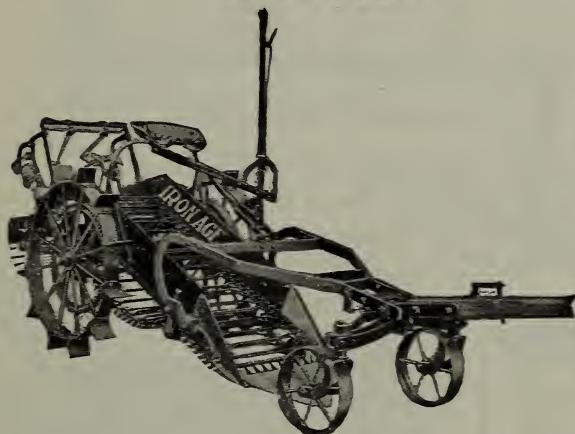
## THE IRON AGE POTATO PLANTER

With the IRON AGE, the farmer has the comfortable assurance that his potatoes are being well planted, and the work is being done at the lowest possible cost, easily planting from four to seven acres per day.

PRICE—With Fertilizer distributer and shield plow,	\$160.00
Corn, Bean and Pea attachment, extra, 12.00	
Leveller attachment, extra, 3.00	



## IRON AGE POTATO DIGGER

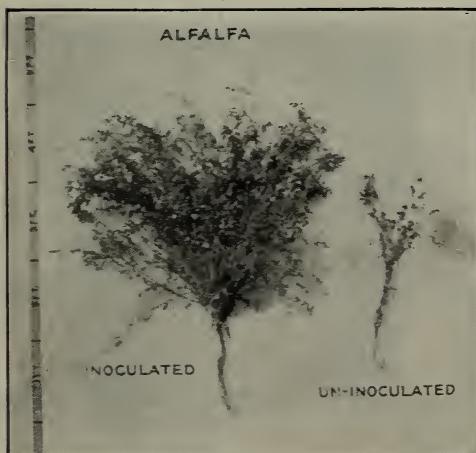


A practical digger, working well in almost all kinds of soil where it is reasonably free from weeds and grass, in fact working well under many unfavorable conditions where other diggers fail.

No. 155 Elevator Potato Digger with 4-horse equipment,	\$165.00
Extra for 3-horse Equalizer (less doubletrees),	6.00
Extra for 3-horse Equipment Complete, with Double-trees,	8.00

## EUREKA POTATO DIGGER

Price	\$175.00
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Farmogerm is nitrogen-fixing bacteria bred up to transform large amounts of nitrogen from the air into soluble nitrates.

Price	Garden size, 1-4 acre, \$0.50
"	One Acre size, 2.00
"	Five acre size, 8.00

For growing plants in house or garden.

Package of 30	25c
" " 100	75c
" " 1000	\$3.50

## STIM-U-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office

**The MODEL Extension Carnation Support.**

Patented



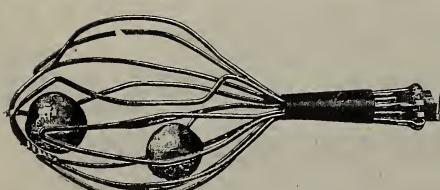
GLASS CUTTER.....	25c and 40c
GLAZING POINTS, (Brads)	Pkg. 25c
" " (Zinc)	" 10c
" " (Peerless)	" \$1.25

GLAZING NAILS, Box.....35c

GARDEN REELS, large \$1.25, extra large...81.75

GARDEN LINES, (100 ft.) .....1.50

GARDEN TROWEL, (common) .....	20c
" " solid steel .....	50c
" " forged steel .....	90c
" " transplanting .....	35c
WEEDING FORKS .....	15c, 35c and 50c
FLORAL SETS	
3 in set (small).....	50c, 75c, \$1.00
3 in set, strong (large) .....	1.75
4 in set.....	2.50
ENGLISH SCUFFLE HOES	
5 inch .. \$1.00	8 inch .....1.65
6 " .. \$1.25	9 " .....1.75
7 " .. 1.50	10 " .....1.90
Handles extra .....	40c
COMMON SCUFFLE.....	1.25
ASPARAGUS KNIVES .....	50c



FRUIT PICKERS (wire) 65c and 75c

BAMBOO CANES,—6 ft. long, \$2.00 per 100; 8 ft. long, \$3.50 per 100.

**STAKES, SQUARE, GREEN, TAPERING.—**

	Each.	Doz.	Hundred
1½ feet .....	3c	25c	\$1.85
2 " .....	4c	40c	2.85
3 " .....	9c	95c	6.50
4 " .....	12c	\$1.35	10.00
5 " .....	16c	1.86	14.00
6 " .....	18c	2.00	16.00

**STAKES, ROUND, GREEN, TAPERING,—**

	Each.	Doz.	Hundred
2 feet .....	6c	60c	\$4.50
3 " .....	10c	\$1.10	8.00
4 " .....	14c	1.50	12.00

**STAKES OR DAHLIA POLES, HEAVY ROUND,—**

	Each.	Doz.	Hundred
5 feet .....	25c	\$2.50	\$18.50
6 " .....	28c	3.00	22.00

**GALVANIZED WIRE STAKES,—**

	Doz.	Hundred
2 feet .....	30c	\$2.00
3 " .....	40c	2.25
3½ " .....	45c	2.35
4 " .....	50c	2.50
5 " .....	60c	2.75
6 " .....	75c	3.75

**WOOD GARDEN LABELS,—(100 in pkg.)—**

8 inch per hundred,	Painted, 90c
12 " "	" \$1.40

**WOOD POT LABELS,—(1000 in pkg.)—**

4 inch.....	Painted, \$1.60
6 " "	" \$2.50

**WOOD TREE LABELS,—3½ in. copper wired, 40c per 100, \$3.00 per 1000.**

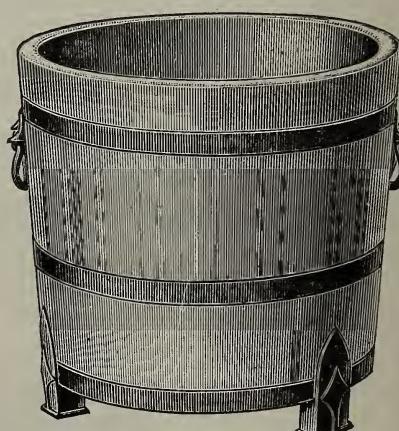
**FLOWER STEMS.—(Wired Tooth Picks), per box of 10,000, \$2.50.**

**CARNATION SUPPORT,—"Model Extension," 2 ring, per doz., \$1.00; per 100, \$7.00, 3 ring, per doz., \$1.25; per 100, \$8.00**

**TOMATO SUPPORT, Price 30c each, per doz., \$3.00**

## THERMOMETERS

Tested, 12 inch, metal case	\$1.50, \$2.00 and \$2.25
10 inch tested .....	.90, \$1.25 and \$2.00
8 " "	.90, \$1.00, \$1.25 and \$1.75
Hot Bed, guaranteed .....	\$2.50
Maple Syrup .....	\$1.50 and \$2.50
Self Registering .....	\$6.50



### TREE TUBS

Made of Virginia White Cedar, painted green.

No. 1	Diam.	Height	Each
	12 inches	10½"	\$3.00
" 2	13	12¾"	3.75
" 3	14½ "	14¾"	5.00
" 3½	16½ "	15¾"	6.75
" 4	19½ "	16½"	7.25
" 5	22½ "	18½"	8.50

**HAND WEEDERS—15c to 50c.**



## HAND CARTS

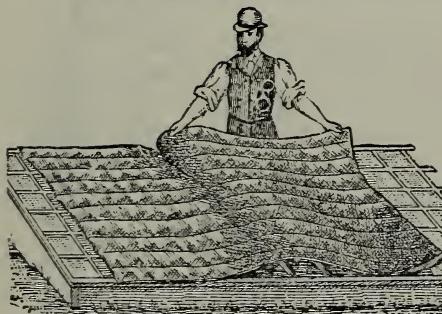
### Light and Strong

Size inside of body	39 in. x 20½ in.
Depth	8 in.
Side Wheels	26 in.
Capacity	250 lbs.
Price.....	\$16.50

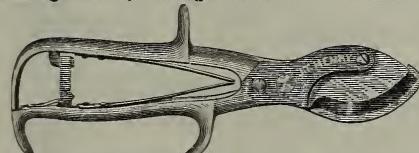
### CUT FLOWER VASES FOR CEMETERY

Tin..... 15, 20c and 25c

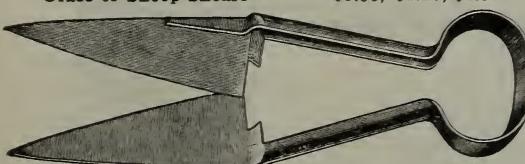
### HOT BED MATS



Made of Jute, thickly padded. 76x76in. Price ea. \$4.00  
Improved Mole Trap,..... \$2.00  
Pruning Shears, 7 in. light Steel..... 1.00



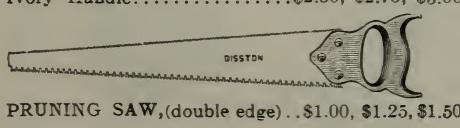
Pruning Shears, 8 in. steel..... \$1.00  
" " 8½ in. steel..... 1.25  
" " 8 in. Malleable, steel blades, 1.50  
" " French..... \$1.25, \$1.50, \$2.25, \$3.00  
Flower Picking Shears (nickled), \$1.25 and \$1.50  
Grape Thinning Shears..... \$1.75 and 2.00  
Grass or Sheep Shears..... \$1.00, \$1.25, \$1.50



True Vermonter Shears... \$1.25, \$1.50 and \$2.25  
**PRUNING KNIVES**  
English Stag Horn..... \$2.25, \$2.50  
Cocobolo..... \$2.00

### BUDGING KNIVES

Ivory Handle..... \$2.50, \$2.75, \$3.00



PRUNING SAW, (double edge) .. \$1.00, \$1.25, \$1.50



WATER'S TREE PRUNER	
4 feet	\$1.25
6 "	1.50
8 "	1.75
10 "	2.00
12 "	2.25
Extra Knives	.35
Orchard Pruner—plain	\$2.50 and \$3.00
TREE SCRAPERS.....	\$1.00
" "	Blades 50c



### Sand Riddles for Sifting Soil

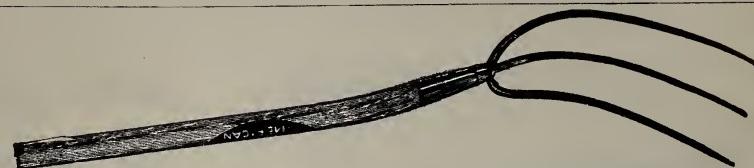
18 in. Galvanized either ¼ inch, ½ inch, ¾ inch or 1 inch, each \$1.00. \$1.25 and \$1.50.

### RUBBER PLANT SPRINKLER

Medium size..... \$1.50  
Large size..... 1.75



MASTICA,—Used in place of Putty.	
½ gallon can, \$1.50; 1 gallon can.....	\$2.75
MASTICA MACHINE.....	3.00
PUTTY BULB—for glazing.....	1.75
TARRED MARLINE—for making straw mats, per lb.....	.30
RAPHIA—for tying, per lb... Price on application	
WOOL TWINE—soft, for tying, per lb.....	.30
SILKALINE—green, per spool.....	.40
GREEN FLORIST'S TWINE—per ball.....	.20
COARSE TWINE—Hemp, very strong, per ball	
..... 25 and .35	
FINE TWINE—hemp, per ball.....	20, 25 and .45
COTTON TWINE—per ball.....	.20
GALVANIZED ANNEALED GREENHOUSE WIRE—per lb.....	.18
MOSS (Sphagnum)—either dry or fresh—green, per bbl. Prices on application	
CORN KNIVES.....	30c, 50c and 75c
GRASS HOOKS—Common.....	.45c to 60c
" English and Concave ..	.75c, .85c
TIN FOIL—Plain.....	.35c
" " Violet and Green.....	.75c



## HAY FORKS

"BATCHELLER'S"

No. 0, 3 Tine (boys') straight handle 90c  
No. 3, 3 Tine bent handle..... \$1.30

The above prices are for forks with  
3 1/4 ft., 4 ft., and 4 1/2 ft. handle.  
Extra long handles, 15c extra.

## HOES

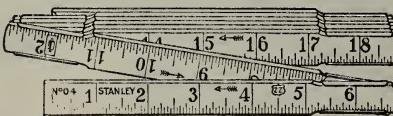
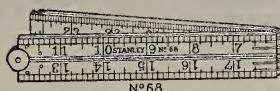
Socket Field, 8 in. blade.....	\$1.10
Shank Field, 7 1/2 and 8 inch blade	95c
Socket, Meadow, 9 and 10 inch..	1.20
Ladies Hoe, 5 1/4 inch blade.....	80c
Humphrey (tooth hoe) .....	1.25
Warren Hoe.....	1.20
Mortar Hoe (shank)	1.35
"    " (socket)	1.50
"    " (Mixer)	1.50

## RAKES

Steel Garden .....	10 tooth	95c
"    " .....	12 "	.55c and 1.00
"    " .....	14 "	.60c "
"    " .....	16 "	1.10
Steel Short Teeth .....	16 "	1.30
Steel Heavy Road .....	14 "	1.70

TURF EDGER—or Edging Knife..... 1.10

## RULES



1 foot Caliper.....	75c
2 " Plain.....	.30c
2 " (heavy joint).....	.45c
2 " Half Brass Bound.....	.75c
2 " Full " " .....	.90c

3 foot Zig Zag.....	.45c
4 " " " .....	.50c and .65c
5 " " " .....	.60c and .75c
6 " " " .....	.75c and .90c

## FILES

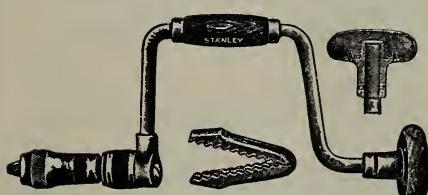
ALL SIZES—Taper, Slim Taper and Flat Files.

## LEVELS

12 inch .....	\$1.00
16 " .....	\$1.00 and 1.25
28 " .....	\$2.50 and 3.00
30 " .....	3.50
42 " .....	4.25



## BIT BRACES



Plain .....	\$1.50
Ratchet.....	1.75, 2.50 and 4.50
Putty Knives.....	.35c and .60c
Key Rings.....	.5c, 10c and 15c
Key Chains.....	.10c, .35c
Carpenters' Pencils.....	.10c

## SPADING FORKS—"Batcheller's"

4 Tine Long Handle, Flat or Diamond	\$1.60
4 Tine D Handle, Flat or Diamond	1.60
" Manure Forks, Batcheller's.	
4 Tine Long or D Handle,	1.55
5 " " " "	1.80
6 " " " "	2.10
Potato Digging Fork .....	2.25
Potato Hooks, Batcheller's.	
5 Tine "Standard," .....	1.35
6 " " " "	1.45
Barley Forks (with bail) .....	2.50
Ensilage Fork, 8 tines.....	2.50
Coke Fork, 12 tines.....	3.20



## GLUE

LePAGE'S

Small Bottle.....	15c
Large Bottle.....	.25c
Can .....	.40c, .65c and .85c



## BITS

4-16 .....	.50c
5-16 .....	.50c
6-16 .....	.50c
7-16 .....	.50c
8-16 .....	.50c
9-16 .....	.60c
10-16 .....	.60c
11-16 .....	.60c
12-16 .....	.65c
13-16 .....	.65c
14-16 .....	.65c
15-16 .....	.65c
16-16 .....	.65c
Ford's Sets .....	.850
W. Jennings' Sets .....	.850
Jennings' Patent Sets .....	.850
Gimlet Bits .....	.20c
Tapping Bits .....	.60c and .65c
Gimlets .....	.20c and .25c

## HATCHETS

Shingling . . . . .	\$2.25
Broad . . . . .	\$2.00, \$2.50 and \$3.00
Hunter's . . . . .	\$1.65 and \$2.50
House Axe . . . . .	\$1.75 and \$2.00
Lathing . . . . .	\$2.25



## AUTO SPRAY NO. 40 D

With 12 gal. galv. steel tank with truck 20 in. wheel.  
For applying whitewash, cold water paint spraying  
material, etc. Price \$30.00.

## KNAPSACK SPRAYER NO. 5

With double acting pump complete, Price \$9.50  
Pump alone . . . . . \$5.50.

## PHILADELPHIA WATERING POTS

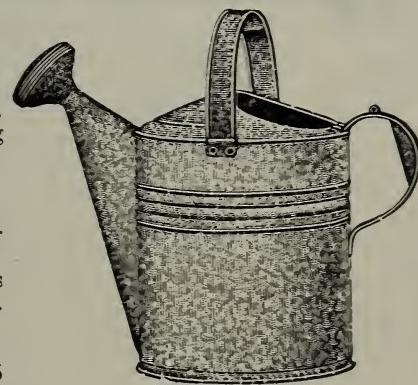
Made of very heavy galvanized iron, with brass  
joints, with two copper roses and extra long spout.  
6 Quart, \$4.00. 8 Quart, \$4.25 10 Quart, \$4.50.

## FRENCH PATTERN WATERING POT

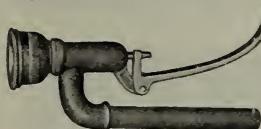
6 Quart, Galvanized, - - - - - \$4.25  
8 Quart, Galvanized, - - - - - 4.50

REGULAR STYLE WATERING POTS  
Galvanized.

4 Quart	\$ .80
6 "	1.00
8 "	1.65
10 "	2.00
12 "	2.25
16 "	3.00



Regular Style



Auto Pop Nozzle

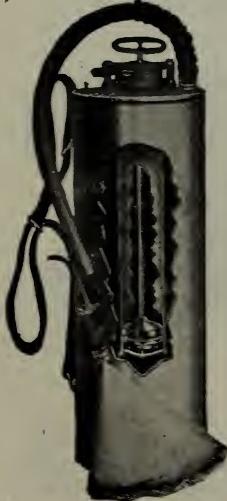
## AUTO POP NOZZLE, \$2.00

" " " with hose complete \$2.50  
Brass extension pipe 2 foot length, 75c

## AUTO SPRAY PUMP

Self-operating Sprayer, simple, durable, easy to carry and  
operate. Price with Brass Tank and Auto Pop Nozzle, \$11.00;  
with Galvanized Tank and Auto Pop Nozzle, \$8.00.

## FLOWER BED GUARD



Made of heavy galvanized wires, 15 in. high, 12 when set,	Per linear ft.	1 1/2 c
" " " " " 22 " " 16 " "	" " "	13 c
Wire Trellis " " 18 " wide	" " "	10 c

Auto Spray Pump

# ROUND OR HEXAGON LAND TILE—(13 Inches long)



**ROUND TILE**

The sizes named are inside measurements.

2 inch	— — — — —	per 1000 pieces,	— — — — —	Weights	3,000 Lbs.	Prices on Application
3 "	— — — — —	" "	" "	"	5,000 Lbs.	
4 "	— — — — —	" "	" "	"	7,000 Lbs.	
5 "	— — — — —	" "	" "	"	9,500 Lbs.	
6 "	— — — — —	" "	" "	"	11,000 Lbs.	
8 "	— — — — —	" "	" "	"	17,000 Lbs.	

## LIST PRICES on STANDARD AKRON SEWER PIPE

We carry a heavy stock of this on hand.

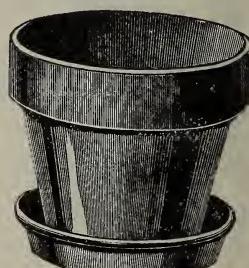


Inside Diameter	Weight per Foot	List Price per Foot	Elbows and Curves Each	Branches Single 2 Feet Long with Inlets up to and including 12 Inches Each	Branches Double 2 Feet Long with Inlets up to and including 12 Inches Each
3 ins.	7 lbs.,	\$0.30	\$1.20	\$1.20	\$1.50
4	9	.30	1.20	1.20	1.50
5	12	.45	1.80	1.80	2.25
6	15	.45	1.80	1.80	2.25
8	23	.70	2.80	2.80	3.50
10	35	1.05	4.20	4.20	5.25
12	45	1.35	5.40	5.40	6.75
			Curves Elbows		
15	60	1.80	7.20	14.40	7.20
18	85	2.50	10.00	20.00	10.00
20	100	3.00	12.00	24.00	12.00
24	140	4.50	18.00	36.00	18.00

Discount on Application.

## STANDARD FLOWER POTS AND SAUCERS

Size	Wt. per M Pots	Pots Per 100	Pots Each	Saucers Per 100
1 3/4 inch,	100 lb.	\$ 1.15	.....	.....
2 "	150 "	1.25	.....	.....
2 1/2 "	300 "	1.50	\$ .02	.....
3 "	400 "	2.00	.03	.....
3 1/2 "	600 "	2.40	.....	.....
4 "	750 "	3.00	.04	\$ 2.50
4 1/2 "	1000 "	4.10	.05	.....
5 "	1300 "	5.40	.07	3.50
5 1/2 "	1600 "	6.75	.....	.....
6 "	1950 "	8.10	.09	5.00
6 1/2 "	2500 "	10.80	.....	.....
7 "	3350 "	13.50	.15	6.00
8 "	4400 "	19.50	.20	8.50
9 "	6600 "	30.00	.35	12.00
10 "	8700 "	40.50	.50	14.00
11 "	11250 "	60.00	.65	17.00
12 "	14500 "	82.50	.95	21.00
13 "		105.00	1.20	.30 each
14 "		135.00	1.50	.40 "
15 "		210.00	2.50	.50 "
16 "		300.00	3.50	.65 "
18 "		450.00	5.00	.85 "



We are prepared to give you the right figures on first-class Earthen Ware, on application.

## SEED OR BULB PANS



	Per 100	16 inch each,	\$3.75
5 inch Round,	\$5.40		
6 " "	8.10	18 " "	4.75
7 " "	13.50		
8 " "	19.50	20 " "	6.50
9 " "	30.00		
10 " "	40.50	22 " "	9.50
12 " "	82.50		
14 " "	135.00	24 " "	12.50

**FIRE CLAY  
FLUE LINING  
2 FOOT LENGTHS**  
Openings and Register  
50 per cent added.  
\*Sizes most used.



Outside Measure.	Weight.	List Price per ft.
4½x8½ in.	14 lbs.	\$ .45
4½x13 "	20 "	.60
4½x18 "	40 "	1.20
7½x7½ "	15 "	.45
*8½x8½ "	20 "	.60
*8½x13 "	30 "	.90
8½x18 "	45 "	1.35
*13x13 "	38 "	1.15
13x18 "	57 "	1.75
18x18 "	72 "	2.25



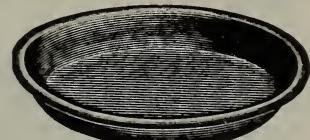
## FIBRE WARE—FLORISTS' VASES

No. 0.	8x13, - - - - -	\$2.25
No. 1.	5½x10, - - - - -	2.00
No. 2.	4½x9, - - - - -	1.75
No. 3.	4x6, - - - - -	1.50
No. 4.	3x4½, - - - - -	1.15
No. 11.	5½x18, - - - - -	2.50
No. 22.	4½x15, - - - - -	2.25

## INDURATED FIBRE WARE SAUCERS

WILL NOT SOAK WATER

	Each	Doz.
5 inch,	\$ .45	\$5.20
6 " "	.50	5.50
8 " "	.60	6.50
10 inch,	.70	7.80
12 " "	.80	8.60
14 " "	1.00	11.20



## CROCKS OR STONE JARS

For Butter, Meat, Pickles, etc. Large Stock in the  
following sizes:

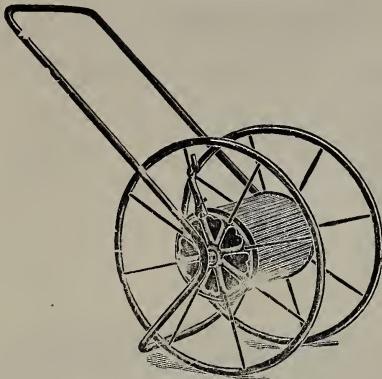
1 gal., 2-3-4-5-6-8-10-12-15-20-25 and 30 gal. — Prices on application

MANILA PAPER { Sizes 18 in. x 24 in. { market price.  
                   " 24 " x 36 " {  
                   " 36 " x 48 "

WHITE WAX PAPER—For flowers—ream.....\$2.75 and \$5.50.  
 WHITE TISSUE PAPER—For " " .....2.50 " 5.00.  
 GREEN TISSUE PAPER—For " " .....2.50.

## STOVE LINING

Made of fire clay, to take the place of stove brick. Per Pkg.....30c, 50c and 70c  
 MAJORS RUBBER CEMENT. Per bottle.....15c  
 MAJORS CHINA CEMENT. Per bottle.....20c



Tubular Hose Reel

## The "B&amp;S" Hose Reel

A very satisfactory reel.

Price \$3.75

## Simplex Hose Reel

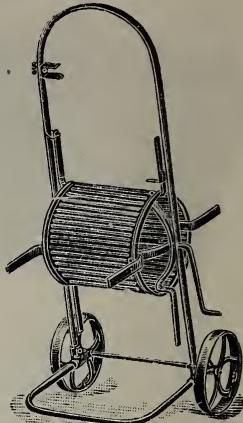
Price \$1.50

## Tubular Iron Hose Reel

Light weight, high wheels.

For 100 ft. Hose, \$6.00.

For 150 ft. Hose, \$7.00.



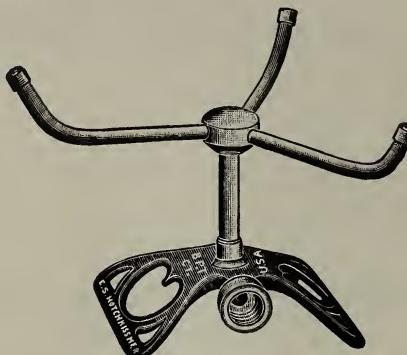
B &amp; S Hose Reel

## RUBBER HOSE



"MOLDED HOSE"—A fine quality hose non-kinkable, very pliable, especially good for tree spraying and greenhouse use,  $\frac{5}{8}$  in. and  $\frac{3}{4}$  in., 25c ft. coupled.

HOWARD'S "Maxecon"—An excellent hose.  $\frac{1}{2}$  in., 18c.,  $\frac{3}{4}$  in., 20c.



Lawn Sprinkler, Fig. 35, \$2.25

LAWN SPRINKLER.—Similar to Fig. 35 but with longer arms, higher standard and rose spray, \$6.00 each \$1.25

RING SPRINKLER ---Very simple, Brass .35

HOSE COUPLINGS—Complete set, .15

    " Bands and Clamps, each, .05 and .10

    " Menders "Cooper's,"  $\frac{3}{4}$  in.,  $\frac{1}{2}$  in., each 15c; doz. 1.50

    " Washers, per dozen, .15

    " Pliers, .50

    " End for connecting hose with faucet, .15

    " Perfect Clinch Mender, each, .90

HOSE NOZZLE,—Throws spray or solid stream by turning thumb screw. \$2.25

MISTRY NOZZLE,—for  $\frac{1}{4}$  in. pipe, \$2.00; for Hose, \$1.50

MISTRY JR. NOZZLE,—for  $\frac{1}{4}$  in. pipe, \$1.25, for Hose, .30

COUPLING to connect Hose with  $\frac{1}{4}$  in. extension pipe, \$1.40

VERMOREL SPRAY NOZZLE,—\$2.50

KINNEY PUMP,—\$1.50

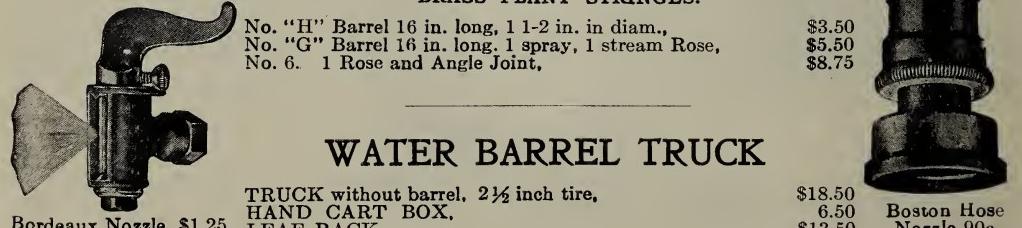
ROSE SPRAY NOZZLE,—40c and \$1.50

Chisel Blade Weed Cutter, with Foot Rest, \$1.25

Pastime Weed Extractor, with 4 ft. handle, .40

## BRASS PLANT SYRINGES.

No. "H" Barrel 16 in. long, 1 1-2 in. in diam.,	\$3.50
No. "G" Barrel 16 in. long, 1 spray, 1 stream Rose,	\$5.50
No. 6. 1 Rose and Angle Joint.	\$8.75



Bordeaux Nozzle, \$1.25

## WATER BARREL TRUCK

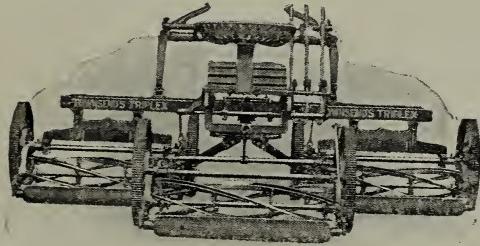
TRUCK without barrel, 2 1/2 inch tire,	\$18.50
HAND CART BOX,	6.50
LEAF RACK	\$13.50

Boston Hose  
Nozzle 90c

## COLDWELL IMPROVED LAWN MOWER

A Splendid Machine. It is provided with shafts, seat and side draft attachment. Each mower is guaranteed to give complete satisfaction. The new lever attachment for raising knives from the ground and adjusting heights of cut is very convenient. Price: 30 in., \$145.00; 35 in., \$165.00; 40 in., \$185.00.

### Coldwell's "Improved" Horse Lawn Mower



### TOWNSEND'S TRIPLEX HORSE LAWN MOWER

THE TRIPLEX, consists of three lawn mowers yoked together, two abreast and one following in the center, easily drawn by one horse and cuts a swath over seven feet wide—conforms itself to uneven surfaces, does good and very rapid work. Price complete \$400.00 f. o. b. factory.

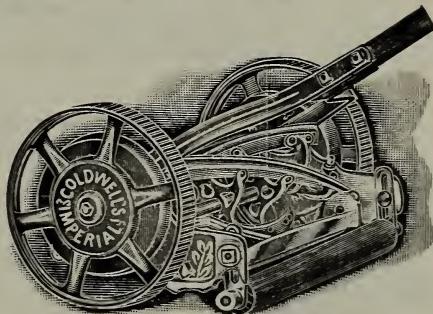
### VICTORY BALL BEARING LAWN MOWER

Light, easy running, a beauty, 16 in., \$22.00; 18 in., \$24.00; 20 in., \$26.00.

### IMPERIAL HIGH WHEEL LAWN MOWER

This mower is not surpassed by any Lawn Mower in the market. It is easy running, does the best of work, and its construction is such that it will outwear any lawn mower made.

Price: 16 in., \$21.00; 18 in., \$22.00., 18 in., 5 blade mower \$25.00.



### THE MOTO-MOWER

A sturdy, simple Motor Lawn Mower. Width of cut 27 in. Price: \$275.00 at factory.

### THE COLDWELL MOTOR MOWER

Model H. 30 in. cut. Strong, reliable. An excellent machine. Price: £500.00 f.o.b. factory.

## THE ELECTRIC LAWN MOWER

A high-class ball-bearing mower \$12.50

## THE JEWEL LAWN MOWER

An excellent medium price lawn mower.  
14 in., \$10.00; 16 in., \$11.00.

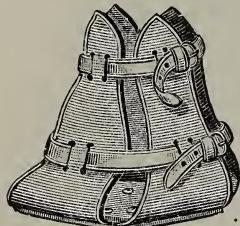


PRICE—4 Blade Mower, 12 in. \$29.00;  
PRICE—6 " " " \$31.00;

## THE NORKA LAWN MOWER

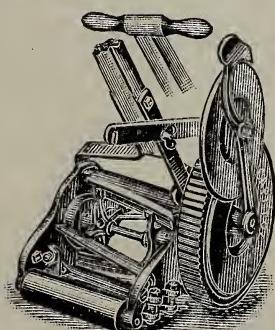
This mower is what might be called a bargain mower, it is worth much more than the price asked. 16 inch only, \$8.50.

GRASS CATCHER for high wheel mowers, \$3.50 each.



## HORSE LAWN BOOTS

To prevent horse from  
marking the lawn.  
Price per set of 4  
\$20.00



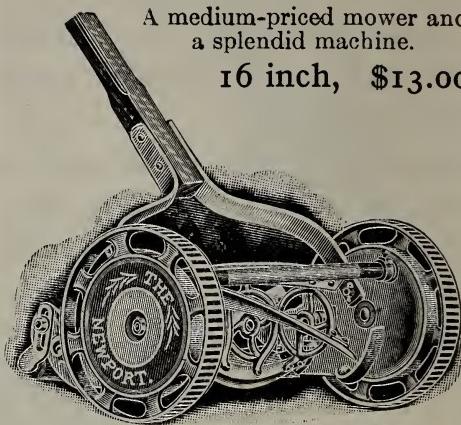
## Capital Lawn Edger and Trimmer

For cutting  
grass borders  
and trimming  
edges of  
walks.

Price complete,  
\$9.50

## THE NEWPORT HIGH WHEEL MOWER

A medium-priced mower and  
a splendid machine.  
16 inch, \$13.00

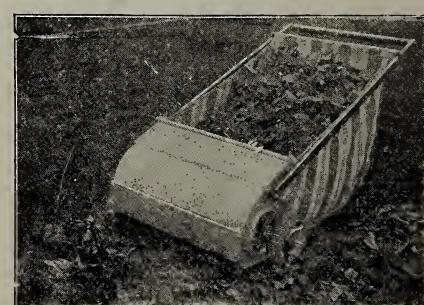


## CHAIN OR GEARED ROLLER MOWER

These are designed especially for use on borders and on the edges of drives and walks.

They run very easily and are quite a necessity on all large lawns.

14 in. \$31.00;	}	Add \$3.50 for
" " \$33.00;	}	Grass Catcher.



## THE PENNSYLVANIA LAWN CLEANER

A revolving fan with metal teeth, takes up leaves, dead grass, stones, etc.

Price, 24 in.	\$35.00
" 36 "	50.00

## SPRAY CALENDAR

**As Recommended by Massachusetts and New Jersey Experiment Stations.**

We carry a complete line of Insecticides and Fungicides necessary for the control of Plant Pests found in this locality.

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
<b>APPLES</b>	<b>1st Spraying</b> Early spring just as the buds are breaking	Commercial Lime-sulfur, 6 gal.; arsenate of lead paste 4 lbs, 40% nicotine sulphate $\frac{3}{8}$ pt. milk of lime, 5 lbs.	Scale, aphis, bud moth, and certain fungous diseases
	<b>2nd Spraying</b> Just before the blossoms open	Lime Sulfur, 1 gal.; 40% nicotine sulphate $\frac{3}{8}$ pt.; arsenate of lead paste 3 to 5 lbs.; milk of lime, 5 lbs.	Budmoth, tent caterpillar, browntail moth, curculio, aphis, red bug, and seab
	<b>3rd Spraying</b> Within a week after the petals fall	Same as second spraying	Codling moth, curculio, apple scab, red bug, gypsy moth and aphis
	<b>4th Spraying</b> About 4 weeks later	Same as third spraying except nicotine may be omitted if aphis are not present	Codling moth, lesser apple worm, seab, gypsy moth, sooty fungus, etc.
<b>PLUMS</b>	<b>1st Spraying</b> Before the buds swell	Commercial lime-sulfur 1 part to 9 parts of water	Black knot, brown rot, and San José scale
	<b>2nd Spraying</b> Immediately after the petals fall	Self-boiled lime-sulfur: 3 lbs. arsenate of lead paste to each 50 gal. water	Brown rot, curculio, and fungous diseases
	<b>3rd Spraying</b> When fruit is the size of small green peas	Same as 2nd spraying	Curculio, brown rot, and fungous diseases
	<b>4th Spraying</b> 3 weeks after 3rd spraying	Self-boiled lime-sulfur	Note:—To get best results in rot control from spraying, thin green fruits in June so that they do not touch.
<b>CHERRIES</b>	<b>1st Spraying</b> Before the buds swell	Commercial lime-sulfur, 1 part to 9 parts of water	For scale insects and fungous diseases
	<b>2nd Spraying</b> Immediately after the petals fall	Self-boiled lime-sulfur and 3 lbs. arsenate of lead paste to each 50 gal.	For brown rot, leaf spot, curculio, leaf chewers and fungous diseases
	<b>3rd Spraying</b> When the fruit is the size of small pea	Same as 2nd Spraying	Same as 2nd spraying
	<b>4th Spraying</b> After the fruit is picked	Self-boiled lime-sulfur only	For leaf spot
	<b>5th Spraying</b> 3 or 4 weeks after 4th spraying	Same as 2nd spraying	For leaf spot

Name of Fruit	Time of Spraying	Material for 50 Gal. Water	Pests Controlled
<b>GRAPES</b> Note.—Destroy all diseased parts, including leaves, fruit, and canes and trash around the vineyard	<b>1st Spraying</b> Just before the blossoms open	Bordeaux Mixture (4-4-50)	Mildew, Black rot, and anthracnose
	<b>2nd Spraying</b> Shortly after the blossoming period	Bordeaux Mixture (4-4-50)	Same as 1st Note: — Where grape leaf hopper is present combine nicotine Sulphate $\frac{1}{4}$ pt. to 50 gal. water with the Bordeaux Mixture
	<b>3rd Spraying</b> 2 weeks later	Same as 2nd	Same as 2nd
<b>PEARS</b>	<b>1st Spraying</b> In fall after leaves are off	Soluble oil of winter strength or $\frac{3}{4}$ pt. of 40% nicotine sulphate, Add 4 lbs. soap to sol.	For pear psylla adults and San José scale
	<b>2nd Spraying</b> As the cluster buds separate and before the blossoms open	Commercial lime-sulphur 1 part to 9 parts of water	For San José scale and pear psylla eggs.
	<b>3rd Spraying</b> Directly after petals fall	Commercial lime-sulphur, 5 qts. plus 3 lbs. of arsenate of lead paste	For fungous diseases, codling moth, curculio, canker worms, tent caterpillars and leaf chewers generally
	<b>4th Spraying</b> Seven days after the blossoms fall	Same as 3rd spraying	For brown blotch, black spot and other fungous diseases, curculio and leaf chewers generally. For leaf hoppers use 40% nicotine sulphate $\frac{3}{4}$ pt to 50 gal. water
	<b>5th Spraying</b> Seventeen days after the blossoms fall	Same as 3rd spraying	Same as 4th
	<b>6th Spraying</b> 4 to 5 weeks after the blossoms fall	Same as 3rd spraying	For codling moth, brown, blotch, black spot, and leaf chewers generally
	<b>7th Spraying</b> 10 to 11 weeks after blossoms fall	Same as 3rd spraying	Same as 6th
<b>POTATOES</b>	<b>1st Spraying</b> When plants are 6 in. high	Bordeaux mixture (4-4-50) plus 3 to 6 lbs. arsenate of lead paste	for early blight, late blight potato beetle and flea beetle. Note:—Bordeaux Mixture has proved to be the best fungicide for potatoes as it effectively controls blights and has a stimulating effect on the vines
	<b>2nd Spray</b> 2 wks. after the first	Same as 1st	Same as 1st
	Subsequent sprays	Keep plants well covered; in wet seasons as often as 10 to 14 days use 5-5-50 Bordeaux with same amount of arsenate of lead	



## POMONA SPRAY PUMP

One of the Best Pumps for orchard use, very powerful, all working parts solid bronze.

Price with Agitator and barrel fastenings (without barrel or hose), \$29.50.

Pump with 15 ft. hose, "Mistry" nozzle and Agitator, without barrel, \$35. Fitted to barrel, \$43.50.

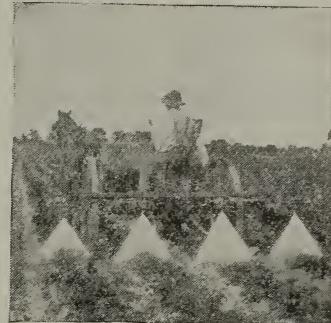
Price with two leads of hose, with nozzles and Agitator, without barrel, \$40.00. Fitted to barrel, \$48.50.

Gould's Cart for mounting barrel sprayers, without barrel, \$26.00.

### "Iron Age" Four Row Traction Sprayer

A practical Sprayer operated by horse power, tank is strongly constructed, holds 55 gallons, sprays four rows at once.

Price with Pole, Duplex Pump, Wind Shift and Nozzle Strainer, \$195.00. Extra for Drop Nozzle Spray Bar Attachment, \$37.50. Orchard attachment, extra \$17.50.



The Aquarius

## THE AQUARIUS

A very powerful little pump, throws a steady stream. Cylinder, piston rod and couplings are brass, fitted with 2½ ft. suction and 3 ft. discharge hose, one spray and one solid stream nozzle. Price \$11.00

With Vermorel Nozzle, " 12.00

## THE AQUAPULT

### A VERY SERVICEABLE HAND FORCE PUMP

The valves are brass balls, which successfully resist the action of acids. Complete with 3 ft. discharge hose, solid stream and spray nozzle. Price \$9.00

With 4 foot Extension Rod and Bordeaux Nozzle, \$11.00.

THE AUTO SPRAY PUMP—Similar to the Aquapult but smaller. \$5.50



## IMPROVED SPRAYER

Throws a very fine spray of any liquid mixture usually used in destroying insects, bugs, etc.; throws dry insecticides nicely. The best thing for applying Kilfisi, etc. on cattle. 60c, 75c and \$1.25.

### The "Iron Age" Horizontal Sprayer



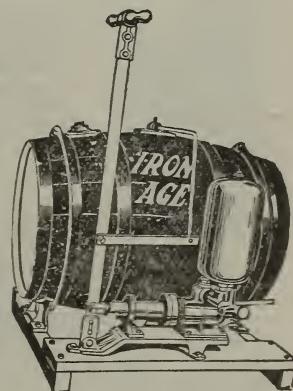
The Aquapult

Price, \$15.00

**Leggett's  
Paris Green or  
Dry  
Powder Gun**  
Distributes any dry powder.  
Thousands in use.

Mounted on skids, can be set in any wagon, cart or sled.

Price Single Acting Pump, \$42.50; with one lead hose, \$48.00. Double Acting Pump \$66.00. Wth one lead hose, \$76.00. Four Row Wagon attachment, \$18.50.



## INSECTICIDES

**APHINE.**—For the destruction of green fly, black fly, white fly, thrip, red spider, mealy bug, caterpillars, white and brown scale.  $\frac{1}{4}$  Pt. 25c; Quart \$1.00; Gallon \$3.50.

**APHIS PUNK.**—For fumigating Greenhouses. Three rolls will fumigate 100 foot house. One dozen rolls in box. Price per box, \$1.00.

**AR-BO,** Sterlingworth.—Kills leaf eating insects and prevents fungus diseases. Use 1 lb. to 10 gallons water. 1 lb. 40c, 5 lbs. \$1.65.

**ARSENATE OF LEAD.**—Paste. 1 lb. 40c, 5 lbs. \$1.75, 10 lbs. \$3.

**ARSENATE OF LEAD,** Dry. Per 1-2 lb. 40, 1 lb. 75c. **Bordeaux Mixture,** Sterlingworth. — Prevents Potato Blight, Mildew and all Fungus growths. Dilute with 25 to 50 parts water. Qt. can, 60c; Gallon can, \$2.00.

**"Black Leaf 40"**—A strong, nicotine preparation, for destroying aphis, thrip, etc., 1 oz. 25c;  $\frac{1}{2}$  lb. can, \$1.00; 2 lb. can, \$3.25; 10 lb. can, \$13.75.

**BLUE VITRIOL,**—Blue Stone Copper Sulphate, (Crystals), per lb., 20c.

**BUG DEATH.**—An insecticide for destroying Potato, Squash and Cucumber Bugs, Currant Worms, etc. Price 1 lb. pkg., 25c, 3 lb. pkg. 50c, 5 lb. pkg. 75c, 12½ lb. pkg. \$1.50; 100 lb. keg, \$9.25.

**CARBOLA**—A disinfecting, germ-killing white paint, used instead of whitewash. 25c oz.; package, 35c; 10 lb. pkg., \$1.25; 50 lb. bag, \$5.00.

**CATTLE OIL**—Protects stock from flies, qt. can 65c.

**Chloride Lime.**—A valuable disinfectant. Price 1 lb. box, 15c.

**Copper Solution.**—To prevent blight, rot and mildew, qt. \$1.50.

**Cut Worm Killer,** Sterlingworth. — Non-poisonous powder. Birds and fowls that eat the dead worms are not killed. One pound protects 175 plants or a 150 ft. row. 1 lb. box, 35c.

**Cyanide of Sodium.**—Per lb., \$2.00.

**Fungine.**—A remedy for mildew, rust and other fungus diseases, qt. \$1.25, gal. \$4.00.

**GRAPE DUST**—For the prevention of mildew, 5 lb. pkg. 90c.



**HE-BO.**—A substitute for Hellebore for Currant Worms, Rose Slugs, etc.,  $\frac{1}{2}$  lb. box 25c, 1 lb. Box 45c.



**Hellebore, Sterlingworth.**—For currant worms and rose slugs. Price  $\frac{1}{2}$  lb. box, 40c; 1 lb. box, 65c.



**Kerosene Emulsion, Sterlingworth.**—For scale and all sucking insects. Per qt. 55c, gal. \$1.50.

**Lime and Sulphur Wash, Sterlingworth.**—The most widely used and recommended remedy for San Jose Scale. 1 gal. makes 10 to 40 gals. Prices, 1 qt. can, 50c; gal. cans, \$1.00; 5 gals., \$3.50.

Barrel of 50 gal., \$17.50.



**NO SCAB,** (Sterlingworth) — For treatment of Seed Potatoes for Scab and for grain (except loose smut of Wheat and Barley, which this preparation will not control). Per bottle 90c.



**KILFLI (So-bos-so).**—An excellent preparation to protect animals from flies. Price per gal. can, \$2.00.

**NICO-FUME**—Tobacco Paper for fumigating. Per can, \$1.25 and \$5.00.

**NICO-FUME LIQUID**—For fumigating and spraying. Lb. can, \$2.00 4 lb. can, \$7.50.

**NIKOTEEN**—The large bottle represents the extracted product of 150 lbs. tobacco. Price, 2 oz. bottle, 50c.; large bottle, \$2.50.

**Nikotide**—A powerful tobacco insecticide for greenhouse fumigating. Cans, \$1.50 and \$2.75.

## INSECTICIDES (Continued)



**PARIS GREEN.**—Absolutely Pure.— $\frac{1}{4}$  lb. pkg., 25c;  $\frac{1}{2}$  lb. pkg., 40c; 1 lb. pkg., 75c.

**Plant Food.**—Ferti-Flora, per bottle, 30c.

**PLANT LICE KILLER,** Sterlingworth.—For killing aphis on fruit trees, potatoes, garden truck and house plants. Pint, 30c; quart, 50c.



**Plant Tablets.**—Sterlingworth, dissolve in water, makes plants bloom luxuriantly. Price 10c.

**Potash.**—Per box, 15c.



**PYROX.**—A spray for all leaf eating insects, also a preventative of fungus diseases. Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00; 25 lbs., \$6.25; 50 lbs., \$11.00; 100 lbs., \$20.00; 300 lbs., \$57.00.

**Rat Annihilator.**—Kills and consumes the body of the rat. Pkg 20c.

**Rat Corn.**—Kills and mummifies rats and mice, 25c and 50c.

**Roach Killer.**—Pkg. 35c.

**Scalecide.**—For spraying, especially good for San Jose Scale. 1 gal. \$2.00, 5 gals. \$7.00.

**Seal Oil Soap.**—A valuable insecticide for syringing and washing plants. Box 35c.

**Sheep Dip.**—Cooper's—In powder form pkg. makes 25 gallons. Price 60c.

**Sheep Dip.**—'Kill Germ' for dipping sheep and for lice on cattle and hogs. Qt., 60c;  $\frac{1}{2}$  gal., \$1.00; one gal., \$1.75.

**Slug Shot—Hammond's.**—Destroys insects injurious to house and garden plants, potatoes, vegetables, and fruits of all kinds. Comes all ready for use. 5 lb. pkg., 65c; 1 lb., 20c.

**Sylpho-Naphthol.**—A modern cleanser and purifier. Makes everything clean and healthful. One of the best disinfectants known. Price, small bottle, 25c; medium bottle, 50c; large bottle, \$1.00; one gallon can, \$3.00; five gallon can, \$12.50; ten gallon can, \$20.00.

**Sulphur, Flowers of.**—Much finer and preferable to Flour of Sulphur, for the prevention and cure of Mildew on grapevines, roses, etc. Price per lb., 12c; 100 lbs., \$9.00.

**Sulphuric Acid.**—Per bottle, \$1.25.

**Tobacco Dust.**—A very fine dry powdered tobacco.. Price per lb., 15c.

**Tobacco Stems.**—For fumigating. In bales of about 100 lbs. each, 3c per lb.

**TREE TANGLEFOOT.**—A sticky substance applied directly to the bark to protect trees against climbing insects. 1 lb. can, 50c; 3 lb. can, \$1.45; 10 lb. can, \$4.50; 20 lb. can, \$8.75.



**Weed Killer, Sterlingworth.**—A powder, dissolves in water, for use on walks, drives and gutters. 1 lb. pkg., makes 15 gals., 60c; 5 lb. pkg., \$2.25.

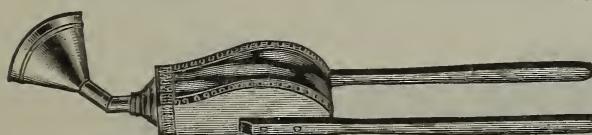
**Weed Killer, Dolge's.**—For killing weeds in drives, walks, tennis courts, gutters, etc., highly concentrated. 1 gal. can, \$2.00; 5 gal. can, \$8.50; 10 gal. can, \$15.00; bbl. of 50 gal., \$52.50.

**X L ALL.**—Liquid insecticide, for spraying and sponging to destroy insects, quart can, \$2.50; half gallon can, \$4.50; 1 gallon can, \$8.00.

**X L ALL.**—Vaporizing Compound for fumigating, per bottle, sufficient for fumigating 40000 cubic feet, \$8.00.

**Lamp for Fumigating.**—Complete with stand, \$1.75.

**DICKEY BUG DEATH SIFTER,**  
60c.



**BELLOWS OR GUN.**—For applying dry, Paris Green, Hellebore, Tobacco Dust, Sulphur, etc., \$1.85.

**INSECT POWDER GUN.**—Small, 20c.



**B D SIFTER**  
For using Bug Death and other Insecticides dry. It is well named. Price, 85c.

**TORCHES,** Made of asbestos. 40c.

**WHALE OIL SOAP.**—Per lb., 35c.

**WHALE OIL SOAP, with Tobacco.**—

Sterlingworth

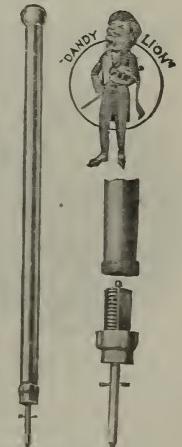
—Makes an excellent wash for trees and plants, and for smearing on the trunks of trees, to prevent worms from crawling up. Excellent for destroying the Green Worm on Cabbages. 1 lb. box, 40c.



**"DANDY-LION" WEED KILLER**

For killing dandelions and other weeds in lawn with weed killing liquid.

Price \$1.75





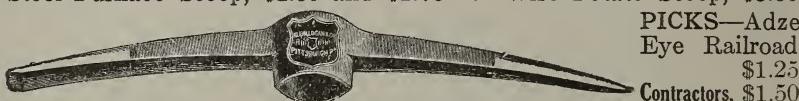
## SHOVELS

	Long Handle Round	D Handle Round	Long Handle Square	D Handle Square
Subject to change in market.				
Ames,	\$2.50	\$2.50	\$2.50	\$2.50
Blair,	2.25	2.25	2.25	2.25
Lee,	2.25	2.25	2.25	2.25
Brown,	1.75	1.75	1.75	1.75

## STEEL SCOOPS

	Polished Plain	Polished Ex-Strapped
SANDERSON'S No. 2,	- - - - - \$1.90	
" No. 3,	- - - - - 1.95	
" No. 4,	- - - - - 2.00	
" No. 5,	- - - - - 2.15	
" No. 6,	- - - - - 2.25	\$2.40
" No. 7,	- - - - - 2.50	2.65

CONNEAUT,—Popular with the Coal men. No. 5, \$2.00; No. 6, \$2.15; No. 7, \$2.25.  
Steel Furnace Scoop, \$1.50 and \$1.75 . Wire Potato Scoop, \$3.50



PICKS—Adze  
Eye Railroad  
Contractors, \$1.50

	Long Handle
Ames, - - - - -	\$2.50
Lee, - - - - -	2.25
Brown, - - - - -	1.50

## HANDLES

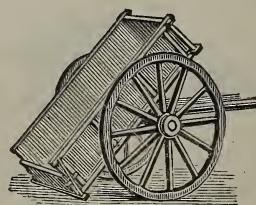
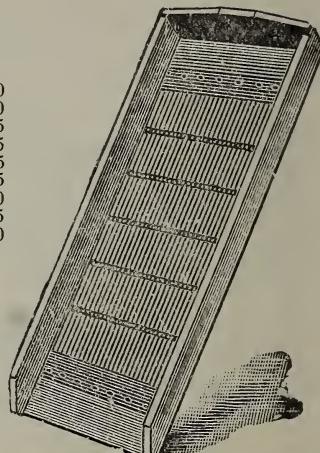
Sledge.....	40c, 50c and 60c
Hammer.....	20c and 25c
Hatchet.....	25c and 50c
Pat Cross Cut Saw, per pr.,	50c, 65c, \$1.50.
Ice Hook.....	.90c, \$1.00, 1.20 and 1.50
Axe—See Axes	
Pick.....	.30 to .50
Long or D Shovel.....	.65
Manure Fork.....	.65c and 75c
D. Spading Fork.....	.75c
Long Spading Fork.....	.75c
Hay Fork.....	.35c, 40c and 45c
Hoe and Rake.....	.50 and .65
Long Snow Shovel .....	.35c

## BRICK TROWELS

Disston's.....	\$1.50, 1.75, 2.00
Pointing 4½ inch.....	.60
" 5 inch.....	.65
MASON'S Hooks.....	.225
" Floats or "Darbies" 1½	.225
" Cork Floats.....	1.25
Tape Lines 50 ft.....	.75 to 5.00
" 75 ft.....	1.00 to 6.75
" 100 ft.....	1.25 to 9.00

## PLASTERING TROWELS.

Disston's 10½ inch	\$1.25
" 11 inch	3.00
" 11½ inch	3.25
Mason's Sand Screens.	
Medium.....	\$6.50
Large.....	7.50
Gravel Screen.....	12.50

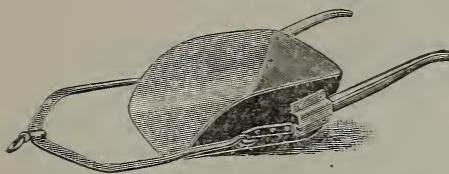


Mortar Hods Steel \$2.25  
Brick Hods Steel 1.50

## TWO WHEEL DUMP OR FARM CARTS

PADLOCKS  
25c to \$2.50. Special  
Milk Can Locks,  
\$1.00, 1.25 and 1.50

Dimensions of Body  
Medium, 3' 2½" front, 3' 6" rear, 17½" deep  
Axe Tires List Prices  
1 5/8" steel 3" \$105.00  
Extra for 4" tire, \$6.00



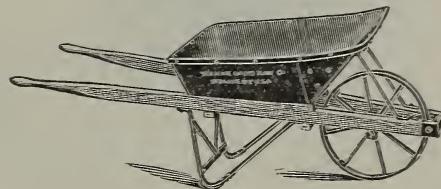
## SOLID STEEL SCRAPER

No. 0 Extra Large, Two Horse, Capacity 9 Cubic feet with Runners, - - - -	\$28.00
No. 1 Large " " 7 " " " " - - - -	20.00
No. 2 Medium " " 5 " " " " - - - -	19.00
No. 3 One-horse " " 3 " " " " - - - -	18.00

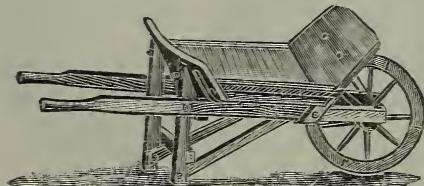
**NO. 75-A WHEELBARROW**

No. 75A.—A perfect end dump contractor's barrow,  
capacity 4 cubic feet, - - - - - \$12.00  
All Steel Wheelbarrow. - - - - - \$16.00

#### Special prices on quantities



## STEEL TRAY WHEELBARROW



No. 2 Capacity	3 cubic feet, with steel wheel,	\$10.00
No. 4	" 4 " "	10.50
<b>BOLTED RAILROAD or CANAL BARROW,</b>		
patent wood wheel.		6.00
<b>BOLTED RAILROAD or CANAL BARROW,</b>		
patent steel wheel.		7.00

## WINDOW COAL SHUTE

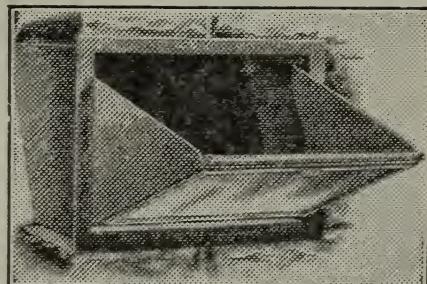
	Hopper Opening. Outside Rim.	Price
Size "A"	22 wide—16 high 25x19	\$12.00
Size "G"	32 " 24 " 35x27	17.00

## MEASURING RODS

6 ft. long, with brass tips, graduated to $\frac{1}{8}$ inch	\$1.75
10 ft. long, " Metal " " " $\frac{1}{8}$ "	1.75
10 ft. long. " " " " tenths	2.00

# CART HARNESS

NEW ENGLAND PATTERN, (collar not included).  
Prices on application.



# BOTTOM DUMPING WAGON

1½ yard capacity, 3 inch  
Tire, Bottom lined, Flar-  
ing Side-boards.

2 yard capacity, 4 inch  
Tire, Full lined, Flaring  
Side-boards.

**Prices on application**



Finishing Lime. (Hand picked) for Finishing Coat work.  
Red Label Lump. Selected Lumps for whitewashing.

### WALL PLASTER

**PEERLESS NEAT.** To be used with sand, a splendid Plaster, works easy under the trowel, dries quickly, economical and is very much liked by the masons and builders. 100 lb. bag, \$1.60, per ton including bags, \$30.00.

**PEERLESS WOOD FIBRE.** Ready to use. Works nicely under the trowel, makes an excellent wall. 100 lb. bag, \$1.60 per ton including bags, \$30.00.



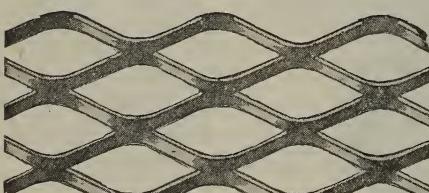
board, 32 in. x 36 in. Price per board 36c

**CONCRETE HARDENER**,—(Master Builders.) For waterproofing and surface hardening of concrete, per bag of 50 lbs. 15c per lb.

Concrete Hardener (Metalcrete.) Bag of 50 lbs., 15c lb.

**MEDUSA WATERPROOF COMPOUND**, per bag, 40 lbs., 15c lb. Special price in quantities.

**MEDUSA WATERPROOF PASTE**, One gallon to one bbl. cement, dissolve in the water, 1 gal. can \$1.15, 5 gal. can, \$5.50



**MAHONING, 24 Gauge**, 13½ yards in a bundle of 9 sheets; 1½ yds. to sheet. Per sq. yard, prices on application.

### PORLAND CEMENT (Best Brands Only)

We are in a position to furnish Portland Cement in any quantities from a pound to any number of carloads, our facilities for supplying on large contracts being especially good. We will figure on board cars, at our storehouse, or delivered on the job as desired. Prices on application.

**KEENE CEMENT**—For fine plastering and tile work, per bag \$2.50.

### LIME

We are Sole Agents in this vicinity for the celebrated Farnum Cheshire Lime, and carry in stock the following brands:

Black Label Lump. For Brick and Stone Work.



**HYDRATED LIME.** "Tiger Brand." "White Rock Finish." We recommend this always for finish work. For plastering and Finishing Coat work. Per 50 lb. bag, 75c; per ton, \$27.00.

**MASONS CALCINED PLASTER** (Plaster of Paris), Higginson's probably the best; per bbl. \$6.50.

**HAIR FOR PLASTERING.** Extra long goat, per bushel sack 63c.

**MORTAR RED.** Dry per lb. 5c, special prices in quantities.

**ATLAS WHITE PORTLAND CEMENT** a pure white Portland cement, per bag \$2.25. Special price in quantities.

**PLASTER BOARD "PEERLESS"**, a very strong plaster



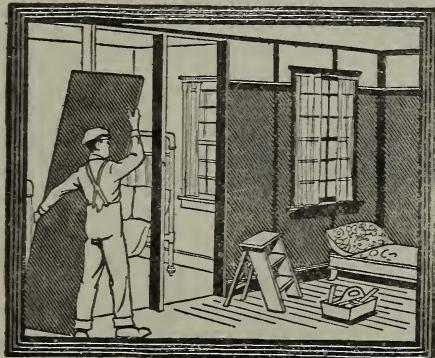
### METAL LATH

**BERGER STANDARD, 24 Gauge**, in bundles of 9 sheets or 14½ yards; per sq. yard. Prices on application.

**GALVANIZED STUCCO REINFORCING  
WIRE**, 36 in. wide, 150 ft. rolls. \$3.50 per 100 sq. ft.

**STORM KING ROOFING.**—A splendid roofing, it will certainly please you, the price is extremely low considering the quality.

1 ply, per roll of 108 sq ft.,	\$2.50
2 " " " " "	3.00
3 " " " " "	3.50



## WALL BOARDS

**WALL BOARDS.**—For walls and ceilings, Cream White, 32 inches wide, per 1,000 sq. ft., \$60.00

**BLACK WATERPROOF BUILDING PAPER.**—In rolls of 250 and 500 square ft. Price per 500 sq. ft., \$5.00

**RED ROPE ROOFING.**—An excellent low cost roofing, will last for several years. Price per square of 108 ft., \$2.25

**TARRED PAPER.**—Single ply, per roll of 320 square feet (about 40 lbs.), 6c lb. Two ply, per roll of 108 square feet, \$2.25. Three ply, per roll of 108 square feet, \$2.75.

**EVERJET ROOFING PAINT.**—(Black)—For outside or inside use on metal or wood. Prevents rust, protects from weather, lasting. One gallon can \$1.00.

**ELASTIGUM**—A tough adhesive plaster cement for roofs, can 25c.

**ROOF COATING**—For tarred ready roofing, per gal. can \$2.00.

## THE REYNOLDS ASPHALT SHINGLES

Fire resisting, lighter than Slate, as cheap as Wood Shingles and will last very much longer. Made in Red and Green. Some cities in Massachusetts forbid the use of wood shingles, a lower rate insurance is charged in some places where asphalt shingles are used. Be sure you get the Reynolds, it is the best. Price, Red or Green per 1000, \$10.00



**ROLL ROOFING.**—For valleys to match the shingles. Per roll, \$4.00.

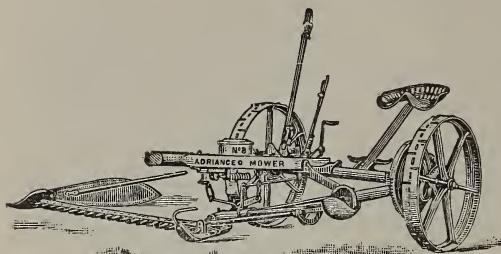
It also makes an excellent roof.

**ROOFING CEMENT "MATEX".**—In 25 and 50 lb. pails 15c per lb..

**ROOFING CEMENT "RUTLAND".**—In 10 lb. cans, \$1.75 per can.

"	"	"	"	5 "	"	1.00	"	"
"	"	"	"	3 "	"	.65	"	"
"	"	"	"	1 "	"	.25	"	"

## THE ADRIANCE BUCKEYE MOWER

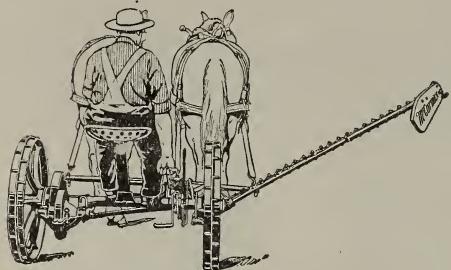


The Adriance Buckeye Mowers have long been considered Standard Goods and to-day are as good as are made. They are made both in the Buckeye Gear and Chain Gear.

### THE BUCKEYE GEAR IS USUALLY PREFERRED.

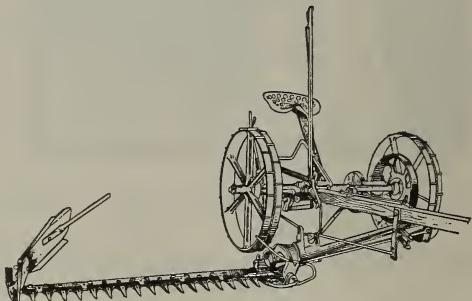
One-Horse, 3 ft. 6 in. or 4 ft.	Either chain or Standard	- - - - -	\$91.00
Two-Horse, 5 ft.	" " "	- - - - -	95.00

## McCORMICK MOWING MACHINE



The McCormick Mower is one of the very reliable machines which we carry. It is light running, yet a strong, substantial Mower. Price One Horse, 4 ft. cut, \$91.00  
Price Two Horse 5 ft. cut, 95.00

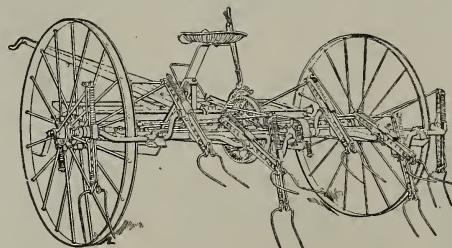
## WALTER A. WOOD MOWING MACHINE



The Wood Machines are well and favorably known the world over.

The New Vertical Lift is proving very popular. Price, 5 ft., \$95.00

## WOOD STEEL HAY TEDDER



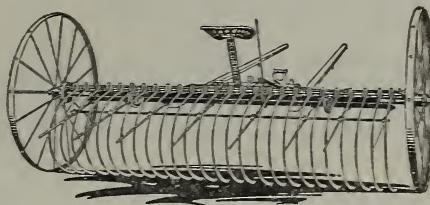
Built of Steel throughout, has six forks, is strong and durable, adjustable for one or two horses.

PRICE, - - - - - \$77.00

**The Side Delivery Rake.** This can be used in connection with the Hay Loader or in an entirely separate manner. It is however more often used with the Hay Loader and in this way hay can be raked, loaded and transferred from the field to the barn very rapidly. Price - - - - - \$118.00

**DRAG RAKE.**—For Raking after load. Price, - - - - - \$1.50

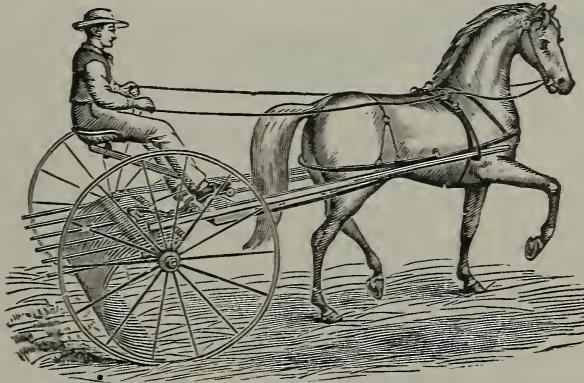
## STEEL HAY RAKE



An excellent Self-Dump Steel Rake 8 feet wide—has 25 teeth also two guard teeth;  
easily operated, strong and durable.

Price \$50.00

## THE YANKEE HORSE RAKE

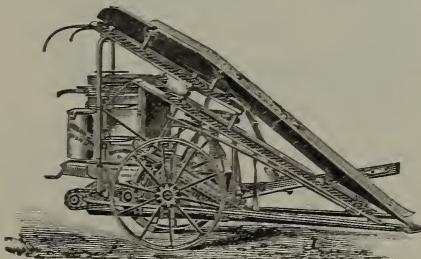


A very well known and thoroughly reliable rake, very easy to operate.  
Very much liked in the Berkshire Hills.

Price \$46.00

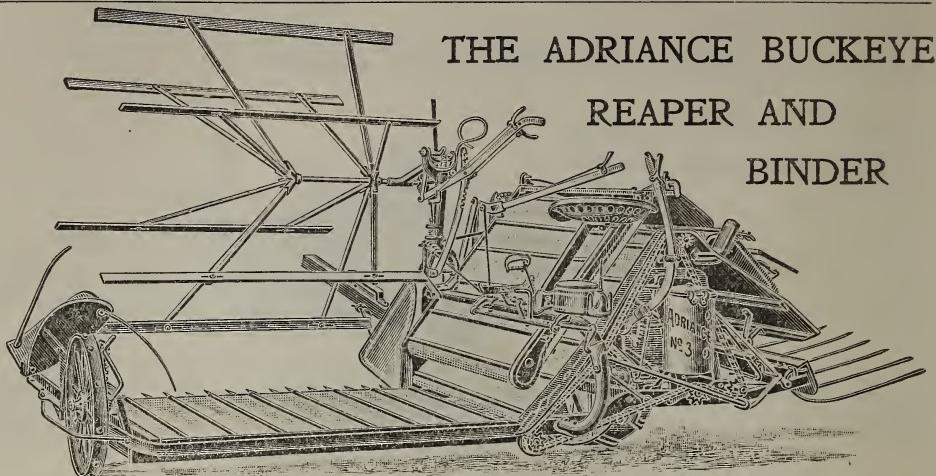
**REPAIRS FOR FARM MACHINERY**—We make a specialty of supplying parts for farm machinery. Bring old part or number of the piece wanted.

## THE ADRIANCE CORN BINDER



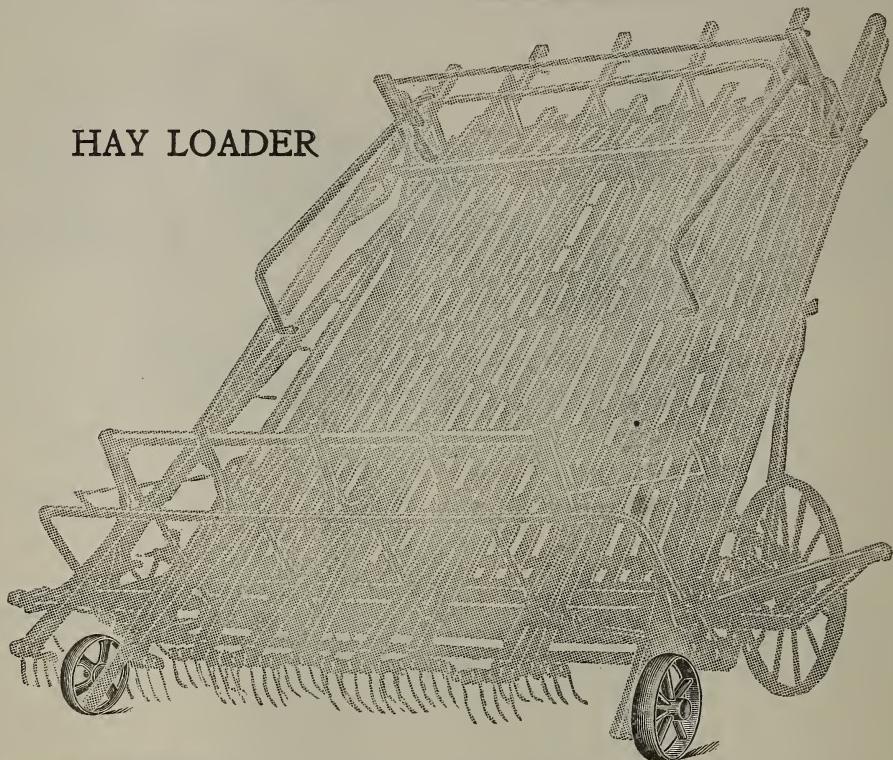
This is a splendid working, strong and substantial machine, and backed up by the well-known Adriance Buckeye people. Contrary to a general claim by some other manufacturers, this is one of the lightest draft corn binders made. Let us show you this machine. We guarantee it.

\$268.00



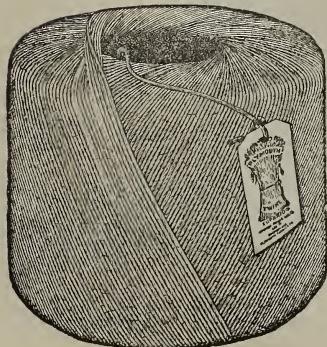
One of the best on the market, strong, light draft, and a perfect worker. Special Binder Catalog on Application. Price \$268.00

HAY LOADER



Loads from swath or windrow—a great labor saver and probably one of the best loaders made. Price, \$130.00.

HAY CAPS—Canvas. Prices given on application.



### BINDER TWINE

Our Binder Twine is smooth, even, more feet to the pound than many other makes. It is Plymouth Twine, none better—in balls of 5 lbs. each—10 balls to the bale. Prices according to market.

**HAND HAY AND LAWN RAKES**

Extra, 3-bowed, Hay, - - -	\$ .70	Extra Wood Lawn, - - - - -	\$ .85
" 2- " - - -	.60	Wood Rake Teeth, doz., - - -	.10
No. 1, 2- " - - -	45c and .55	WIRE LAWN RAKE,—Reversible, \$1.00	

**WIRE LAWN RAKE****SCYTHE SNATHS**

Ash, Grass, - - - - -	\$1.65	Ash Bush, - - - - -	\$1.85
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**SCYTHES.**

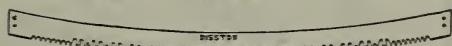
Clipper, - - - - -	\$1.75
Solid Steel, - - - - -	2.00
Our Special Solid Steel, - - - - -	2.25
Bush, - - - - -	2.00
Bramble, - - - - -	2.00
Grain Cradle Scythe, - - - - -	3.00
Snath Wrenches, - - - - -	.05
Loops, - - - - -	.15

**BUSH or BILL HOOKS**

Heavy, (handled), \$2.50

**SCYTHE STONES.**

English Round, - - - - -	\$ .35
Emery Round or Cigar, - - - - -	.10
Carborundum, - - - - -	.35
Carborundum Rifle, - - - - -	.35
Red End (coarse), - - - - -	.10
White Mountain, - - - - -	.20

**SAWS.****DISSTON**

Cross Cut—Narrow,	5 ft. \$4.25
" " "	5½ ft. 5.00
" " "	6 ft. 6.50

**SIMONDS**

Cross Cut—Narrow,	No. 0214
" " "	5 ft. \$6.50
" " "	5½ ft. 7.50
" " "	6 ft. 8.50

**DISSTON**

Cross Cut one man	3 ft. \$3.30
" " "	3½ ft. 3.85
" " "	4 ft. 4.40
" " "	4½ ft. \$4.95 and \$6.50
Buck Saw—Either narrow or wide blade,	\$1.50 \$2.00 and \$2.50
" Blade only,	75c to \$1.50
" Frame only, without Strainer,	50c
" Strainers,	20c and 25c



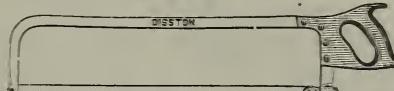
Carpenters' "Cut Off" Disston's	20, 24 and 26 in.
in two grades,	\$2.75 and \$4.00
Carpenters' "Cut Off" Simonds	\$2.00 and \$4.00
Imp.	1.25 and 1.75
Keyhole Extension,	.75
Saw Clamp (Swivel),	\$2.25

**GRAFTING WAX.**

Trowbridge, 1/4 lb. stick,	20c
" 1/2 lb. stick,	40c
" 1 lb. stick,	65c

Axe Mattocks, - - - - -	\$1.40
Pick Mattocks, - - - - -	1.40
Mattock, or bog hoe, - - - - -	1.25
Saw Sets, - - - - -	\$1.50 and 2.00
Ice Saws, 4 ft. \$8.75, - - - - -	4½ ft., 9.00

Cart Ice Saws, - - - - -	3.50
MEAT SAWS.	

Family Size, \$1.75, 18in. Disston's, \$3.00  
20in. Disston's, \$3.50, 22in. Disston's, 3.75**AXES.**

Our Best, - - - - -	\$2.50
Connecticut pattern, - - - - -	1.75 and 2.25
Axes, Handled, - - - - -	\$2.50 and 2.75
" Boys, - - - - -	1.75
Axe Stones, - - - - -	10c to 40c
Axe Handles, - - - - -	35c to 75c
Axe Wedges, - - - - -	5c

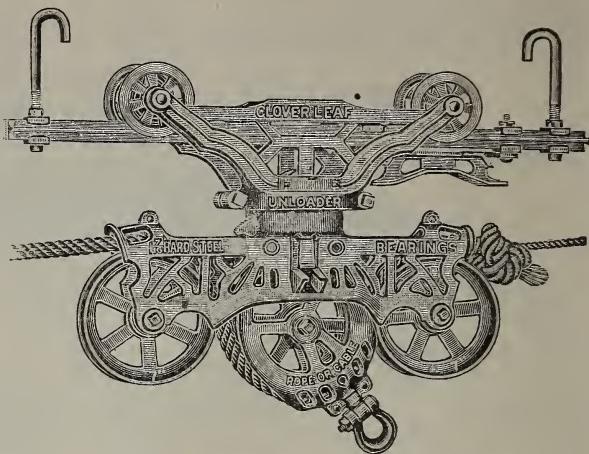
**GRAIN CRADLES.**

Turkey Wing, 4 fingers,	\$7.50
Cradle Fingers, - - - - -	45c each
Hay Knife, Lightning, - - - - -	2.75
Flails, - - - - -	1.25
Carpenters' Squares, - - - - -	2.00 to 4.00
Saw Bucks, Folding, - - - - -	75c and 90c

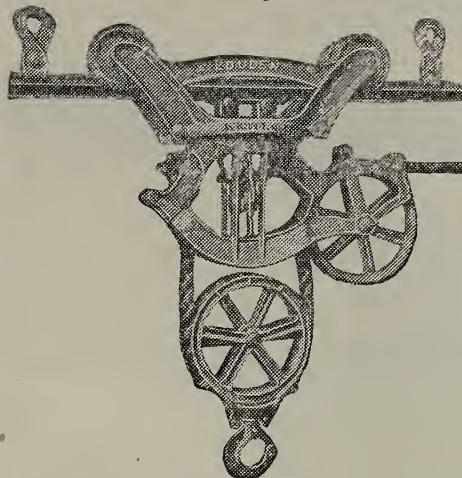
## CLOVER LEAF STEEL TRACK HAY CARRIER

An up-to-date, practical Swivel and Reversible Carrier. Simple in construction. Anyone can put them up.

Clover Leaf Car,	- - - - \$15.00
Double Steel Track, per ft.,	37½c
Track Connections, each,	60c
Steel Track Hanger, per doz.,	3.00
Brackets, per doz.,	1.10
Floor Hooks, each,	.30
Pulleys, Knot Passing, each,	.90, 1.25
" Wood Sheave, each,	.75, 1.50
" Iron, each,	.75
Drive Screws, per gross,	1.50



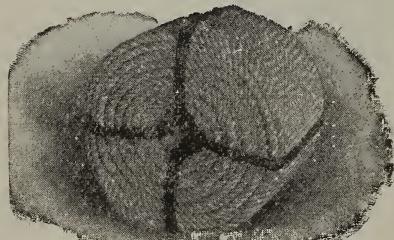
## Louden Hay Carrier



One of the best Hay Carriers, operates in any kind of barn—it is Swivel and Reversible.

Price Louden Junior Car,	- - - - \$14.40
" " Senior "	- - - - 16.50
" " Double Bead Track, ft.,	37½c
" Standard Hangers, doz.,	- - - - 2.60
" Screw Eyes, each,	- - - - .20
" Hoisting Whiffletree, each,	- - - - 3.00
" Bracket Pulley Holder,	1.15
" 5" Link Hangers,	\$4.50 doz.

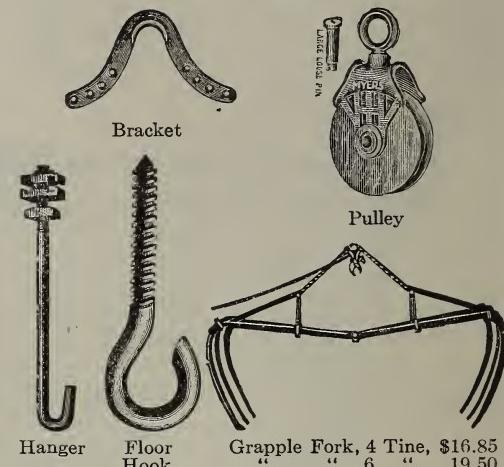
## ROPE



We carry in stock pure Manila Rope, sizes from  $\frac{1}{4}$  inch to 1 inch; prices according to market.

## Hay Bale Ties

Stock sizes: 7 ft. 3 in. and 9 ft. Prices variable.



Hanger      Floor Hook      Grapple Fork, 4 Tine, \$16.85  
"                 "                 6                 19.50

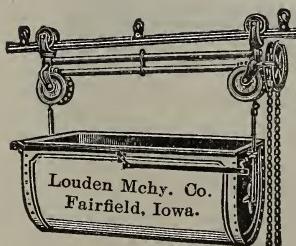


## DOUBLE HARPOON FORK

Long \$3.60  
Extra Long  
\$4.50



Rope Hitch  
50c

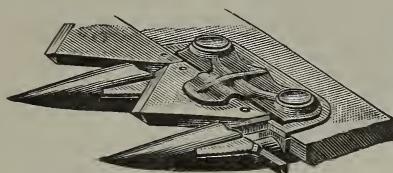


## Louden Litter Carrier

An excellent  
carrier  
Prices on  
application

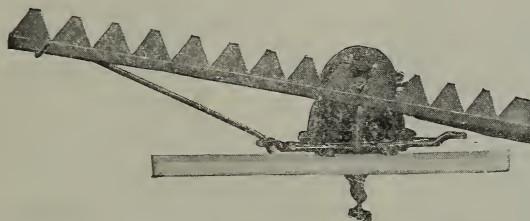
Louden Mch. Co.  
Fairfield, Iowa.

## MOWING MACHINE KNIVES, SECTIONS GUARDS AND REPAIRS

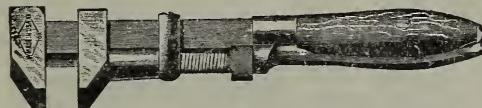


### OILERS

No. 114.....	35c
No. 13.....	35c
No. 13 A.....	40c
No. 14 B.....	65c
Sewing Machine Oiler.....	10c and 15c
Oil Can, One Gallon.....	50c
Oil Can, Five Gallon.....	\$1.50 to \$2.75



ROYAL SICKLE GRINDER, \$12.00



Coe's Agric'l		
Monkey Wrenches, 6 in.	\$1.25	75c
" " 8 in.	1.50	90c
" " 10 in.	1.75	1.10
" " 12 in.	2.30	1.25
" " 15 in.	2.75	
" " 18 in.	3.85	
" " 21 in.	4.50	

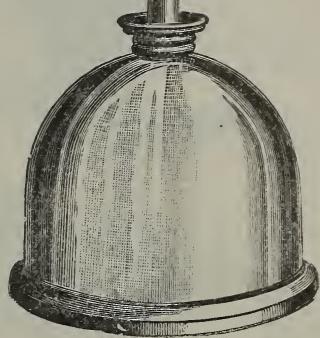
The furnishing of these goods is an important part o our business. We are in a position to supply you with PARTS of any Mowing Machine Rake, Tedder, Plow, Harrow, or most any Agricultural Implement made; and it is always best if possible to bring or send the old parts to insure a fit. It is im- portant that you use the Best Knives and Sections.

We sell only the Best Sections. We positively refuse to handle cheap section. The best are worth the money, the others are worth nothing.

Every one is  
Warranted

### FAUCETS

Ivy Wood 6 inch .....	20c
" " 7 " .....	25c
" " 8 " .....	30c



### Stilson Wrenches

6 in.	\$1.20
8 in.	1.35
10 in.	1.50
14 in.	2.10
18 in.	3.00
24 in.	4.35
36 in.	8.00
48 in.	12.00



### SCREW DRIVERS



PRICE, 25c TO \$2.00

### Nail Hammers steel, \$1.00 and 1 25

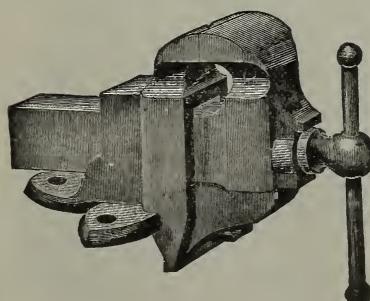
" " Maydole,	\$1.50, 1.75, 1.90
Tack "	20c and 25c
Cold Chisels, each	20c
" "(heavy) each	25c to 75c
Rivet Punches,	20c and 25c



### Our Standard Vise

Not a cheap one, but a strong, well-made vise

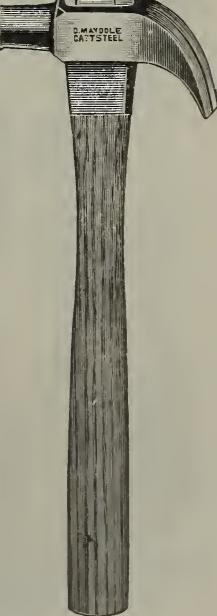
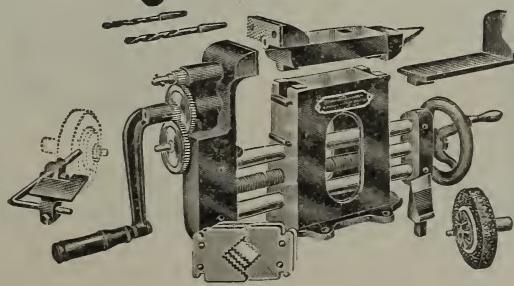
No. 63 and 64 - - - - -	\$3.75
" 65 - - - - -	3.00
" 66 - - - - -	4.25
" 67 - - - - -	6.75
" 87 - - - - -	4.00
" 88 - - - - -	7.00
" 89 - - - - -	8.00
" 90 - - - - -	9.50
" 91 - - - - -	10.50

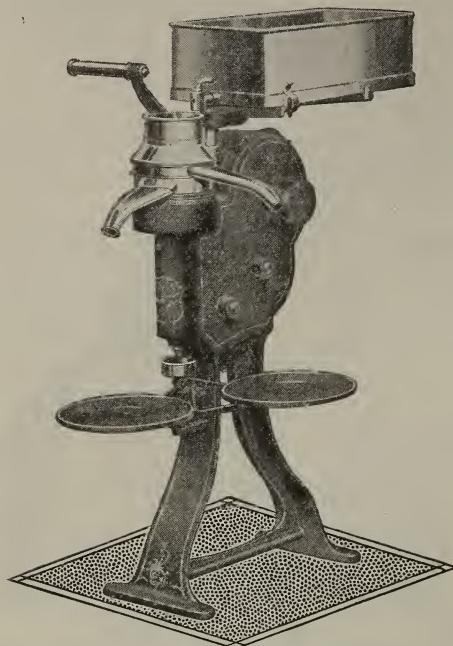


### The Handy Worker

A Very Handy Tool for any Shop combines several hand working tools, Vise, Pipe Vise, Anvil Cutting Hardie, Drill Press, and Grinding Wheel.

Price \$30.00





## THE NEW UNITED STATES SEPARATOR

With new self-balancing disc bowl, Speed Indicator Bell, low crank speed (42 turns of crank to the minute) seems to be the last word in separators.

Special  
Electric Motor  
Alternating  
Current

No. 30	Guar. Cap.	200 lbs.	\$70.00
No. 29	"	300 "	80.00
No. 28	"	350 "	95.00
No. 27	"	500 "	110.00
No. 25	"	750 "	125.00
No. 24	"	1,000 "	140.00
No. 22	"	1,350 "	210.00
Renfrew, #6 Cap.		650 "	55.00
			100.00

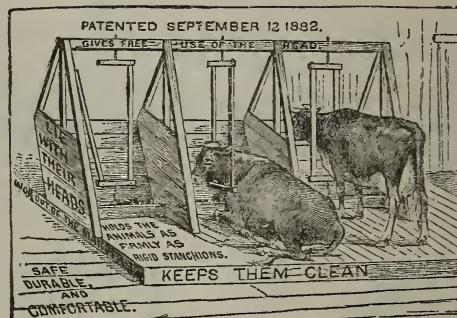
## CHAIN HANGING CATTLE STANCHIONS

The best and easiest method for fastening cattle in the stable.

PRICE, Wood	- - - - -	\$2.35
" Steel Plain,	- - - - -	\$4.80
" Heavy Bull	- - - - -	\$4.75

### Chain Cattle Ties.

Medium,	- - - - -	Prices on application
Heavy,	- - - - -	
Very Heavy,	- - - - -	



## DANA'S STOCK LABELS

An easy and practical way of marking Stock. Cattle labels may be marked with owner's name not exceeding 13 letters, and post office address, not exceeding 13 letters. Sheep label size has room for only 10 letters, Per doz. Per hun. Cattle labels lettered and numbered, .75 \$4.00 Sheep and hog labels lettered and numbered, .40 2.00

**PUNCHES.**—Cattle label size, Each \$1.75  
Sheep " " " " 1.25

## The New Sharples' Suction-Feed Tubular Separator

No.	Capacity	Price
1s	175 to 250 lbs.	\$80.00
2s	250 " 350 "	90.00
3s	350 " 450 "	110.00
4s	450 " 550 "	125.00
6s	650 " 750 "	150.00
9s	850 " 950 "	165.00

## COOLEY CREAMERS With ELEVATOR ATTACHMENT

TOO WELL KNOWN

TO NEED

EXPLANATION HERE



WRITE FOR SPECIAL

CIRCULAR AND

SPECIAL PRICES

No. 00 2 cans, 4 to 6 cows 25 by 31 in., 2 ft. 7 in. high.  
No. 1. Not manufactured.

No. 2. 4 cans, 9 to 12 cows, 31 by 37 in., " "

No. 3. 6 " 12 to 18 " 31 by 49 in., " "

No. 4. 8 " 18 to 24 " 31 by 63 in., " "

Prices on CABINET CREAMERS on application.

Galvanized Castings  
Weight 243 lbs., \$75.00

" 320 lbs., \$108.00

" 380 lbs., 137.50

" 480 lbs., 165.00

COOLEY  
CREAMER CANS

## PRICE,

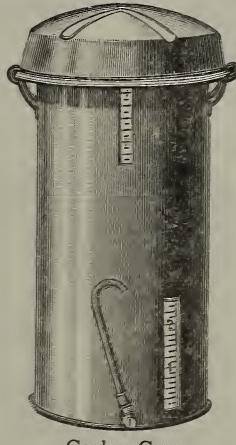
with cover and siphon faucet,  
\$5.00 each.

GERM X—A cleanser and disinfectant, especially good around the dairy and stable.

1 gallon \$3.00

5 " 12.50

WOOL FAT — A wonderful healer.  $\frac{1}{2}$  lb. can, 50c  
1 lb. can, 1.00



Cooley Can

## REED CREAM CANS

with cover and faucet,

20 qt., \$2.80

14 qt., \$2.50

20 qt., without faucet or glass, \$2.00

## CREAM PAILS

With ventilated top, 20 qt. \$2.50

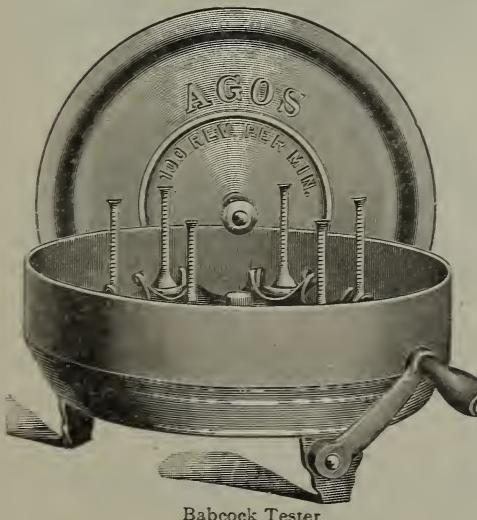
" " 24 qt. 3.00



## Cream Gauge

For determining the per cent of Cream in Milk.

85e



Babcock Tester

ANTI COW KICKER—Only device for breaking heifers or vicious kickers. Price, \$1.35.

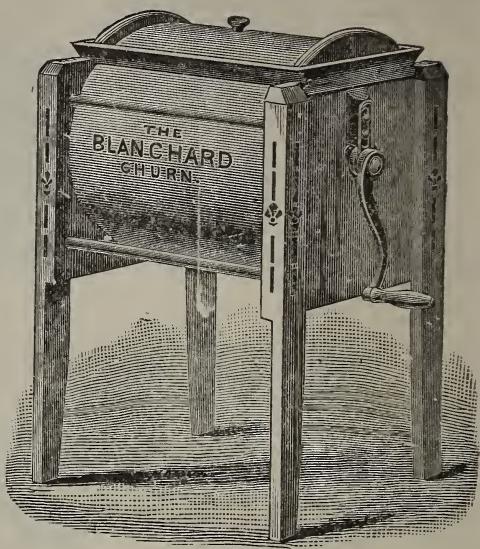


## BLANCHARD CHURN

Probably the Best Crank Churn  
in Use

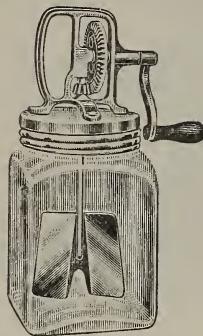
	Prices
No. 3 Churns up to 2 gals.,.....	\$7.50
No. 4 " " 4 gals.,.....	9.00
No. 5 " " 8 gals.,.....	10.00
No. 6 " " 12 gals.,.....	12.50
No. 7 " " 16 gals.,.....	15.00

SEPARATORS.—See page 62.



## LIGHTNING SANITARY CHURN

Makes 2 lbs. butter with  
one pound butter and one  
pint milk.



Price:

1 Qt.	\$1.75
2 "	2.25
3 "	2.75
4 "	3.25

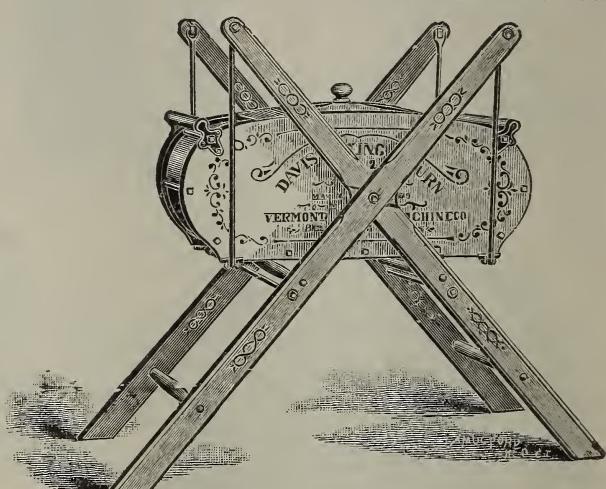


Cylinder Churn

## CYLINDER CHURN

A Good Low Price Churn.

	Prices
No. 1 .....	\$4.00
No. 2 .....	4.50
No. 3 .....	5.00



## DAVIS SWING CHURN

Easy to Operate.

Easy to Clean.

No Floats or Paddles.

One of the Best Churns Made.

Size.	Capacity.	Will Churn.	Price.
No. 1	8 gal.,	4 gal. or less,	13.80
No. 2	10 "	5 " " "	15.50
No. 3	16 "	8 " " "	17.80
No. 4	20 "	10 " " "	20.70
No. 5	26 "	13 " " "	24.65
No. 6	34 "	17 " " "	27.60
No. 7	60 "	30 " " "	48.20
No. 8	80 "	40 " " "	54.00
No. 9	100 "	50 " " "	60.95

There is less liability of getting churns too large than too small. Be sure and order churns large enough. There must be room in the churn to produce the concussion, and a small churn filled too full will require a longer time for churning.

**THE SURPRISE CHURN**

Easy to Operate. Easy to Clean.  
No Floats nor Paddles.

The cover fastenings never give way and  
let the head out. Iron parts galvanized.

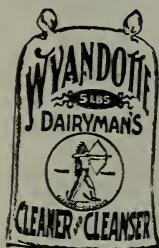
	Price
No. 1 Churns from 1 to 4 gals.	\$17.60
No. 2 " " 2 " 7 "	19.80
No. 3 " " 3 " 9 "	22.00
No. 4 " " 4 " 12 "	28.60
No. 5 " " 5 " 16 "	33.00
No. 6 " " 6 " 28 "	44.00
Extra for 12x3 pulley,	5.50
" " tight and loose pulleys 12x3,	9.75

Nos. 4 to 6 have 2 handles unless pulley is ordered, when only one handle is sent.  
Cork, for barrel churn covers, per ft. 15c.

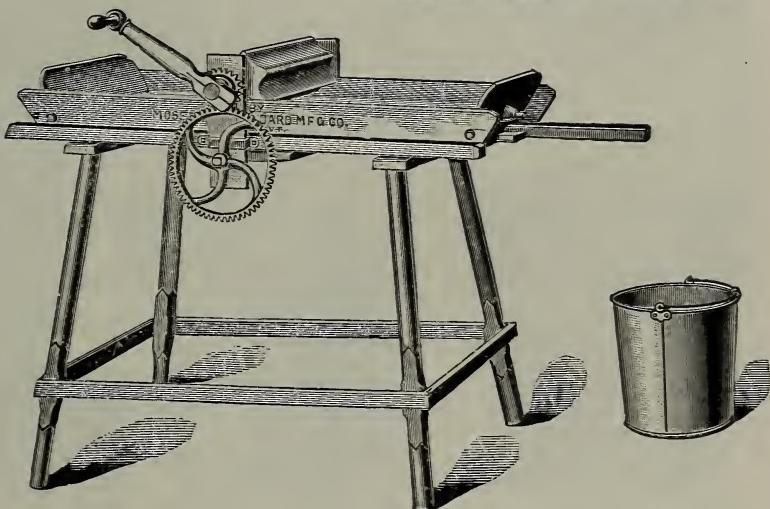
**WYANDOTTE DETERGENT**

For Cleaning Marble Work,  
Etc.

250 lb. Barrell,	\$17.12
Keg, 75 lbs.,	6.11

**WATER'S BUTTER WORKER**

Tray Removable,  
Takes Place of  
Butter Bowl.



Size of Tray	Length of Tray	Width	Capacity	No. of Cows	Price
0	27 in.	14 in.	1 to 15 lbs.	1 to 4	\$17.00
1	36 in.	15 in.	5 to 30 lbs.	4 to 8	18.00
2	36 in.	18 in.	5 to 40 lbs.	8 to 12	19.00
3	39 in.	20 in.	5 to 50 lbs.	12 to 18	19.50
4	48 in	22 in.	10 to 75 lbs.	18 to 30	20.00

**CALF FEEDERS**

Common Sense	
Calf Feeders	Single \$5.00 Double 6.00
Common Sense	

Calf Feeder Nipples 25c

**“Wyandotte” Dairymen’s Cleaner and Cleanser**

A Splendid Washing Powder for all milk and dairy utensils.

280 lb. Barrel,	\$15.96
Barrel of 50—5 lb. sacks,	16.85
80 lb. Keg,	5.56
5 " Sack,	.50





### Milk Cooler

This is one of the best and most convenient Coolers on the market. It not only cools the milk but aerates it. The illustration is not absolutely correct, but gives an idea of the method of cooling.

No.	Capacity of Milk Receiver.	Size of Dairy.	Price.
2	18 qt.	10 to 25 cows	\$11.00
3	34 "	25 " 50 "	13.00
4	52 "	50 " 100 "	16.00



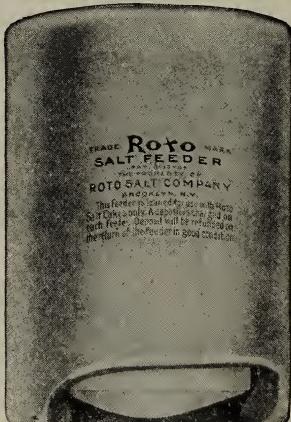
### Reid's Butter Shipping Box

Capacity.	Price.
12 lb. Prints	\$7.25
20 " "	7.75
30 " "	8.75
40 " "	9.60
56 " "	10.35
80 " "	11.50
96 " "	12.50
120 " "	13.25

### SALT

"Retsof" Lump Salt.....	per lb., 2c
" " "	per 100 lbs., \$1.50
" " "	per ton, 20.00
No. 1, "Retsof" (best for ice cream, etc.) per bag, \$1.00	
" Small lots, 2c lb.,	
Cattle Salt, (coarse fine).....	per 140 lb. bag, 2.00
" (coarse fine).....	per 56 lb. bag, .95
Turk's Island Meat Salt.....	½ bushel sack, .75
" " " .....	1 bushel sack, 1.40
" " " .....	2 bushel sack, 2.50

Dairy Salt (Leroy)  
per 50 lb. bag, 90c



Roto Salt Holder.—40c each.

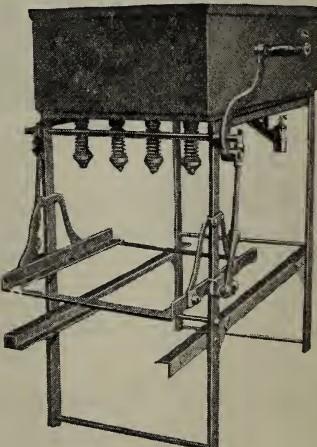
Roto Salt Cake.—20c each, \$2.25 per doz.

Square " 25c each

### Thatcher's Orange Butter Color

Small Bottles.....	\$ .25
Large Bottles.....	.50
One Quart Cans.....	1.00

### Wright Milk Bottle Filler

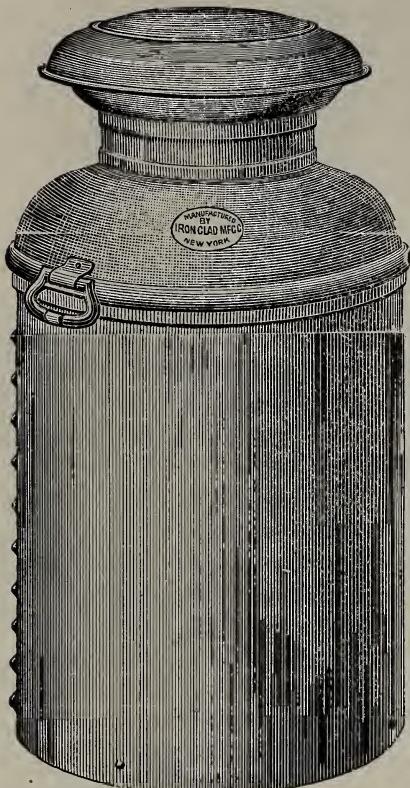


Made with Galvanized Steel frame, tinned copper tank, and sanitary fittings. Bottles filled perfectly with no topping off or overflow.

No. 4-filler }  
9 " " } Prices on application.  
32 " " }

BOTTLE CASES, capacity 12 qt. bottles, with bottom corner irons, \$2.35  
Pints, capacity 20 pt. bottles, with bottom corner irons, (Retainers, extra, 75c) 2.35





Railroad Milk Can New York Pattern

## RAILROAD MILK CANS

## NEW YORK PATTERN

20 Quart .....	\$9.50
30 " .....	10.00
40 " .....	10.50
Special price to milk dealers using quantities.	
SPECIAL ATTENTION is given to supplying Combination Shipping Cans for milk, butter, eggs, cream.	

## RAILROAD MILK CANS

## SPECIAL DELIVERY PATTERN WITH CHAINS

12 Quart plain .....	{ Prices on Applications.
16 " " .....	
20 " " .....	

## PADLOCK EXTRA

Extra for Cream Compartment.....  
" " Marking each plate.....

## MILK PANS—Heavy Tin



	Each		Each
6 Quart,	.45	10 Quart	.65
8 " "	.55	12 "	.75

## Boston Milk Can, City Delivery Pattern

Quarts.....	1	2	3	4	6	8	10
Price Heavy Tin	.95	1.15	1.45	1.60	2.00	2.25	2.75
" 1X "	40c	60c	80c	95c			

## SPECIAL MILK STRAINER

An excellent strainer, in fact the best and easiest to keep clean that we have found. Price, Medium size, \$1.75; Large size, 2.25  
COMMON STRAINER.....  
50c



Boston Pattern

## WOOD BUTTER BOWLS

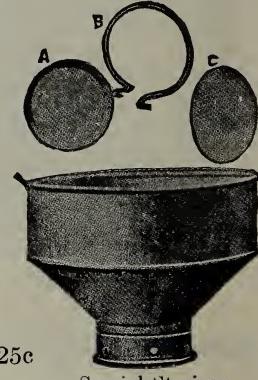
Best Quality, 13 inch	Price	\$ .75
" " 15 inch	"	1.25
" " 17 inch	"	1.75
" " 19 inch	1.25 and	2.00

OX BUTTON, Octagon. (See cut), 25c  
per pair.

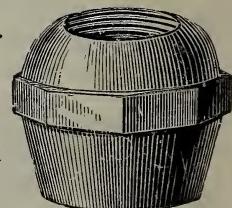
OX BUTTON, Tall Pattern, 65c per pair.

## WEATHER VANES

Special Illustrated Sheet of Designs and  
Prices sent on application.



Special Strainer

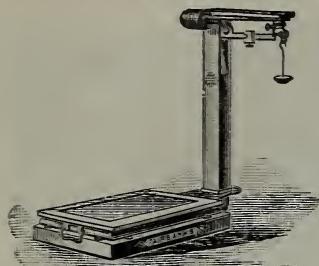


## BLATCHFORD'S CALF MEAL

25 lb. bag.....	\$2.00
50 lb. bag.....	3.75
100 lb. bag.....	7.00



CALF CORDIAL, Pkg. 75c.

**PLATFORM SCALE**

A very accurate scale, especially good for farmers' use.  
Capacity 600 lbs., \$33.00

**FAMILY OR DAIRY SCALES**

Capacity,  $\frac{1}{2}$  oz. to 240 lbs., positively accurate, with platform and brass scoop, Price \$16.00  
Ice Scales, Chatillons, weighs from 5 lbs. to 200 lbs., Price 3.00

**DIAL SCALE**

Weighs up to 25 lbs., enameled top (SEE CUT BELOW).....	\$2.25
Special Milk Scale weighs 30 lbs. by ounces, .....	6.25
Special Milk Scale weighs 60 lbs. by 2 ounces, .....	6.75
Special Milk Scale weighs 60 lbs. by tenths, .....	7.00

**PEDDLERS' SCALE**

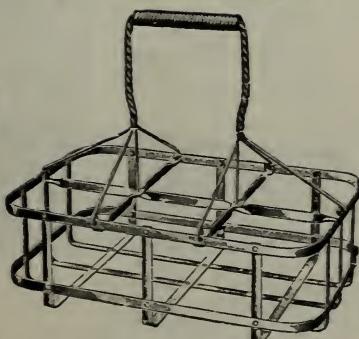
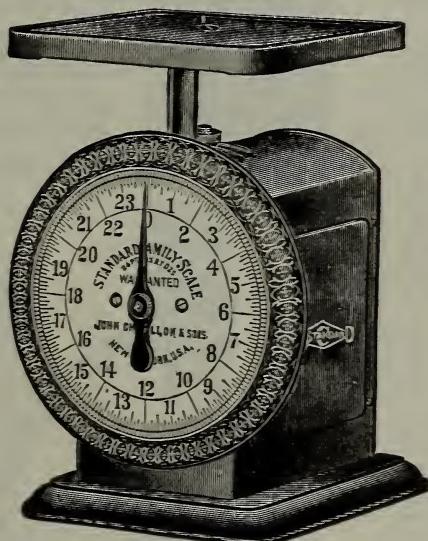
Peddler Scales, 30 lbs. by ounces, with $\frac{1}{2}$ bushel scoop,	\$14.75
Peddler Scales, 60 lbs. by ounces, with one bushel scoop,	16.50
Spring Balance Scale, weighs up to 50 lbs.,	
Butcher's 20 lb. Dial Scale, with Pan,	Price \$1.25

**SCALES**

If you contemplate putting in what is termed Hay Scales, we would be pleased to give you an estimate.

**Parchment Butter Paper  
PURELY VEGETABLE**

Stock Sizes—7 x 9, 8 x 11, 9 x 12,—other sizes to order. Printed to comply with law.	
Per box of 1000 sheets, 7 x 9, - - -	\$2.75
" " " 8 x 11, - - -	2.75
" " " 9 x 12, - - -	2.75
Per lb., plain - - -	.45
" " printed - - -	.55

**Wire Carrying Baskets**

For delivering milk in bottles, 4 bottle size, \$1.50, 6 bottle size, 1.75,  
8 bottle size, \$2.25.

DAIRY FLOATING THERMOMETER.....\$2.00

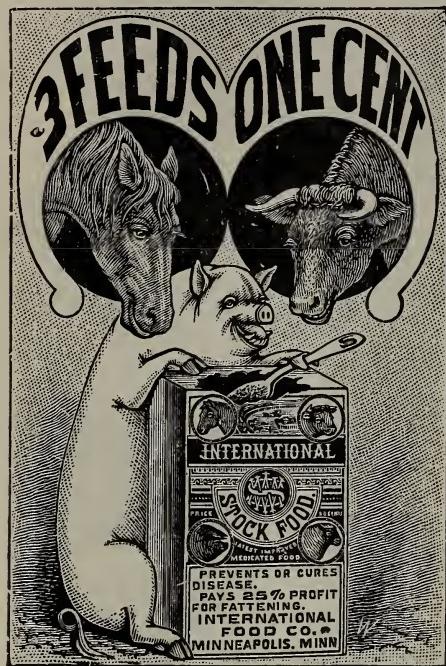
**Common Sense  
MILK  
BOTTLES**

Quarts, \$1.20 doz; Pints, \$1.08 doz; Half-Pints, 96c doz. CAPS for same, 50c per lb. Per box of 5M, \$2.95. FLIPPER, per box of 5M, \$3.25.

Special Prices on Case lots or over

The use of these Bottles insures the neat delivery of milk and cream.





### International Stock Food

This food we find gives excellent satisfaction.

Price per small package.....	\$ .30
medium "	.60
" large "	1.20
" pail (25 lbs.) .....	4.00
International Heave Cure .....	.60

**COW'S RELIEF.**—Cures caked bag caused by garget, injury, overfeeding, etc., per pkg., 75c and \$1.50.

**BAG BALM**—For same purpose as Cow's Relief ..... 75c

**WHITE ROCK HOOF PACKING.**—An excellent article.

Small size .....	\$ .30
Medium .....	.60
Large .....	1.25

**KOWKURE.**—A medicine for cows only. Prices, small can, 70c; large can, \$1.40.

**GRANGE GARGET CURE.**—For the cure of milk fever and garget. Price 70c

**PRATT'S ANIMAL REGULATOR.**—

Very reliable, per pkg. .... 60c and \$1.00

**SILVER PINE HEALING OIL.**—Per bottle .....

..... 60c

**REFINED PINE TAR.**—Per can 25c, 35c

and 40c.

**COAL TAR.**—Pt. can 25c, qt. 35c, gal., 75c

### Whiffletrees, Eveners, Neck Yokes

These we have made for us out of firstclass timber, and the trimmings are of forged steel.

**NECK YOKES.**—Short, each..... \$2.50  
" " Long .....

..... 3.50

**EVENERS.**..... 3.00 and 3.50

**WHIFFLETREES.** each..... 2.50

**EVENERS.**—Factory made..... 2.00

**WHIFFLETREES** .....

..... 1.50

**NECK YOKE** Factory made..... 2.00

**CLEVIS**—Steel, hand made, each..... 75c

" Malleable, each..... 40c

### CHAINS

<b>STAKE.</b> —Heavy, short link, per pair,.....	\$ 2.00
<b>SHORT TRACE.</b> —Medium, per pr. ....	1.25
<b>SHORT TRACE.</b> —Very heavy, per pr. ....	1.50
<b>LONG TRACE,</b> per pr. ....	2.00



### LOG OR STONE CHAIN

Prices on Application

½ in. x 12 ft., 1 grab hook,	
1 common hook,	
7-16 in. x 12 ft., 1 grab	
hook, 1 common hook,	
7-16 in. x 14 ft., 1 grab	
hook, 1 common hook	
½ in. x 14 ft., 1 grab	
hook, 1 common hook	

### LOG CHAIN.

¾ in. x 12 ft., hook and	
ring,	
7-16 in. x 12 ft., hook and	
ring,	
7-16 in. x 14 ft., hook and	
ring,	
½ in. x 14 ft., hook and	
ring,	
Ruggle Chain,	

\$5.50 and 7.00

### STONE BOAT OR DRAG.

Prices from \$10.00 to 12.50

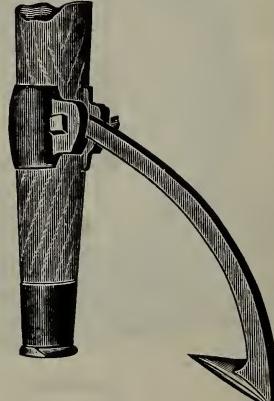
### STEEL CROW BARS.

Per lb., ..... 15

### STONE BOAT FRONT.

Steel used with straight plank,  
34 in. with bolts, 6.90

### CANT. OR LOG HOOKS



Vermont Pattern, light.....	3.75
" " heavy .....	4.25
Maine " .....	4.25



### SPLITTING WEDGES.

Round head, per lb. .... 18

### SPLITTING WEDGES.

Sq. head, per lb. .... 17

### WOODCHOPPERS' MAUL.

Steel, per lb. .... 30

### SLEDGES.

Steel, per lb. .... 25

### STONE HAMMER

Steel, per lb. .... 35

### HAND DRILLS

Steel, per lb. .... 40

### WEDGES AND SHIMS.

Per lb. .... 35

# PAINT



"LOWE BROTHERS' 'High Standard' PAINTS." These Paints are BEAUTIFUL GOODS. They have COVERING POWER, SPREADING CAPACITY, DURABILITY and are SPLENDID COLORS and FULL MEASURE. Watch for the LITTLE BLUE FLAG on the can, it insures good

paint and satisfaction. A paint for every need. Get our colors cards.

**LOWE BROTHERS' VARNISHES**—Excellent goods in six kinds.

**VERNICOL**—A splendid varnish stain, makes a beautiful finish.

**LINSEED OIL**—In any quantity desired.

**TURPENTINE**—In any quantity desired.

**VALSPAR**—An especially fine varnish, hot water does not turn it white. In convenient size cans.

**PAINT BRUSHES**  
Fine line of paint and Varnish Brushes

Best Linseed Oil  
Best Turpentine  
Highest Grade White Lead

"Elastic General Purpose," "Quick Action House," "Interior House," "Durable Floor," "Spar Varnish," and "Crystal Finish" all packages carry the little blue flag denoting quality.

**LOWE BROTHERS' "MEL-**

**LOTONE,"** Flat Colors for Interior Decoration on Wood-work and Walls, Rich, Mellow, Beautiful, Permanent, Washable.



This Little Blue Flag on every can

## PUTTY

### WHITE LEAD PUTTY

1 lb. Can subject to change,	20c
5 " " " "	90c
12½ lb. " " " "	\$1.85

### LINSEED OIL PUTTY

1 lb. Can subject to change,	15c
5 " " " "	75c
12½ " " " "	\$1.50

25	3.00
----	------



# Chi-namel

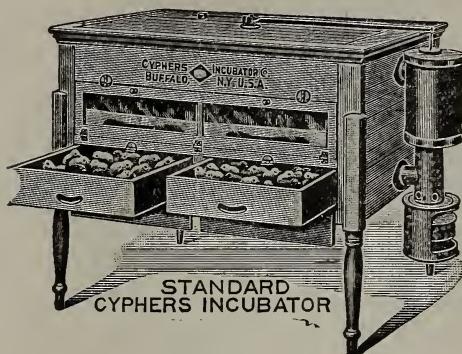
ASK FOR COLOR CARD

CHI-NAMEL. For Staining and Varnishing in one operation, also Graining.  
AN EXCELLENT ARTICLE.



FRANK HOWARD, PITTSFIELD, MASS.

## GENUINE CYPHERS INCUBATORS



Practical poultry raisers who desire the greatest possible success should look for and DEMAND the qualities that have made Cyphers Incubators

**WORLD-FAMOUS.**

**SELF-VENTILATING  
SELF-REGULATING  
NON-MOISTURE  
EFFICIENT, DURABLE and  
POSITIVELY GUARANTEED.**

## PRICES OF CYPHERS INCUBATORS

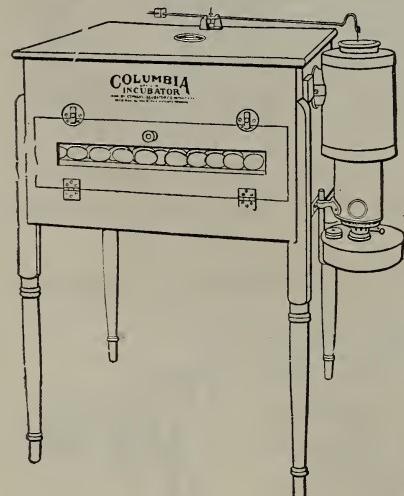
No. 0	\$42.00	No. 2 Holds 244 Hen Eggs	\$68.00
No. 1 $\frac{1}{2}$ Holds 144 Hens Eggs	51.00	No. 3 Holds 390 Hens Eggs	85.00

## THE COLUMBIA INCUBATORS

A splendid hatcher, very much liked. These Incubators have not advanced in price in proportion to many others.

We have a limited supply on hand.

Small size, 140 Egg capacity	\$20.00
Large " 250 " "	28.50

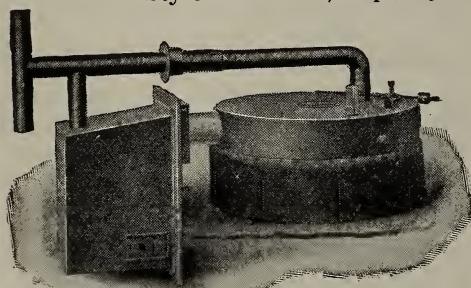
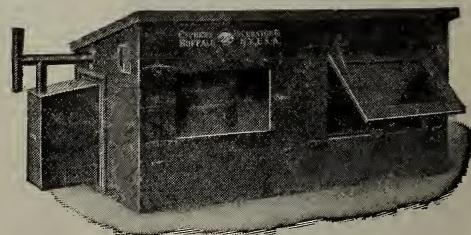


**STANDARD  
CYPHERS BROODERS  
and Colony Roosting Coops**

Are self-regulating, self-ventilating, Fire-Proofed and Insurable. Easily converted into colony roosting coops by simply removing the hover.

Prices:

Style B Brooder, Capacity - - - - 100 chicks, \$45.00



**ADAPTABLE HOVER  
Mothers the chick  
better than a hen**

Self-Regulating, Self-Ventilating, complete with Regulator and Thermometer, \$21.50.

CYPHERS ELECTRIC  
BROODER

Price, \$12.00



**Parcel Post Egg Box**

PARCEL POST EGG BOX.—Capacity 1 doz., 15c each, \$1.75 doz. Capacity 5 doz., 45c each.

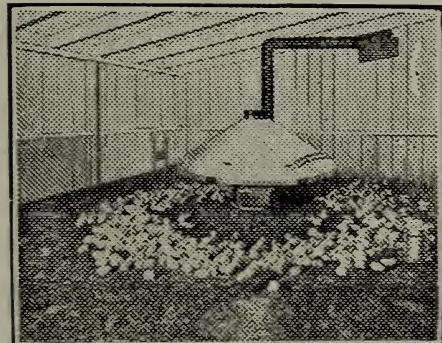
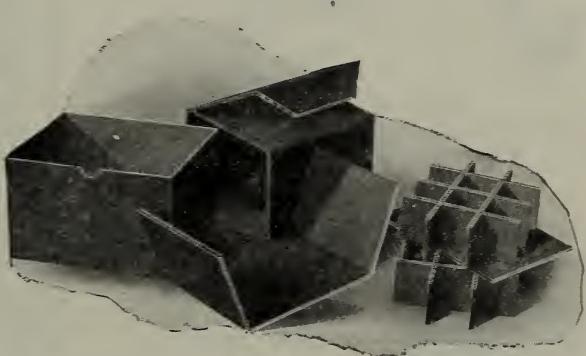
PARCEL POST EGG BOX.—(for settings)—Capacity 15 eggs 25c each.

PARCEL POST DAY OLD CHICK BOXES—25 chick size, 45c, 50 chick, 65c; 100 chick, 90c;

EGG CARTONS.—(Capacity 1 doz.)—doz. 20c, per 100, \$1.50.

WATER GLASS.—For preserving eggs, one gallon preserves 50 dozen eggs. Per qt., 35c; per gallon, 80c

For description see page 75



**Newtown Giant Coal-Burning Colony Brooder**

Automatic coal feed, simple, safe, economical.

Capacity	Fuel Capacity	Size of Pipe	Price
No. 6, 200 to 300 Chicks	30 lbs.	3 in.	\$22.50
" 7, " "	39 "	3 "	27.50
" 11, 500 "	48 "	4 "	35.00
" 12, 1000 "	60 "	5 "	42.50

**OLD GRIST MILL  
DOG BREAD**



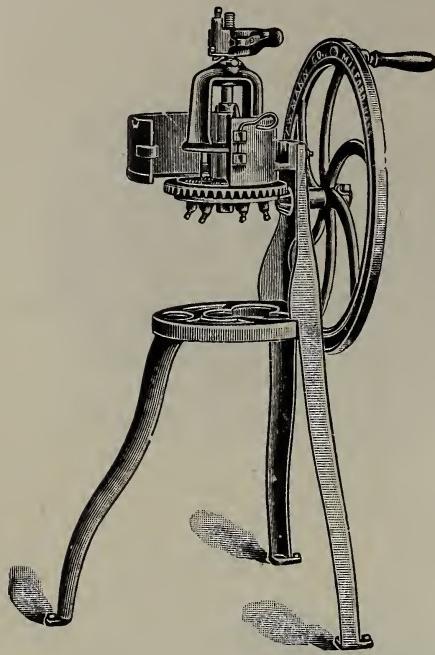
1 lb. Puppy .....	\$ .15
3 lb. Dog.....	.35
50 lb. Bag Dog .....	6.00

**DOG BREAD—SPRATT'S**

Puppy,	15c
Dog,	40c

**MILK BONE—Maltoid**

Puppy,	small, 15c	large, 35c
Dog,	" 15c	" 35c



Mann's Bone Cutter

## Poultry Root Cutter

#7, PRICE \$6.00

## Nest Eggs.

China, per dozen, - - - - - 30c



Adjustable, Climax or Eclipse Leg Bands

Per dozen, 15c, Per 100, 75c



Spirol Leg Band, per dozen, 15c, per 100, 75c

Poultry Punches, 25c and 50c



The APACO FEEDER and Exerciser, \$1.75

The Norwich Feeder and Exerciser, with adjustable standards,

No. 1, \$5.00; No. 2, 5.50,

No. 3, 6.50; No. 4, 7.50.



## PEERLESS FEED HOPPER

suspends from ceiling

8 Qts., - - - - - \$2.00

16 " - - - - - 3.00

## THE MANN BONE CUTTER

For Grinding Green or Dry Bone, An Excellent Machine Our Price.

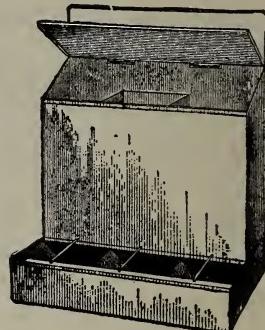
No. 5-C. With crank,	\$12.00
No. 5-B. " balance wheel,	16.00
No. 5-B-M. " " and stand,	20.00
No. 7-B. " " " "	24.00
No. 7½. Semi-Power,	32.00
No. 9. With bal. wheel and stand,	36.00
No. 11. Power Machine,	50.00



## Howard's Roup Remedy

A medicine of merit,  
Per Box - - - - - 60c  
Pratts Roup Cure, 30c, 60c  
Dr. Hess Roup Cure, 30c

## Conkey's Roup Cure

Per box, - - - 30c and 60c  
Conkey's Cholera Cure 60c  
Conkey's Gape Cure, 60c

## WIRE HENS' NESTS. Each 30c. Per doz., \$3.00.

The 1-2-3 DRY FOOD HOPPER for Feed \$1.75

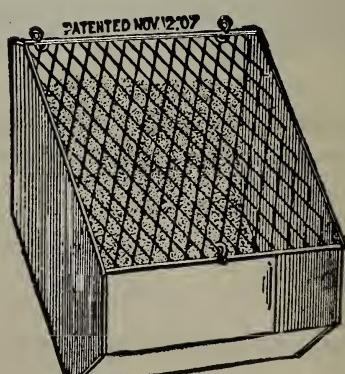
The 1-2-3 Feed Hopper for Shells, Grit, etc., 90c.



Price 45c

## Egg Testers

Each, - - - - - 40c



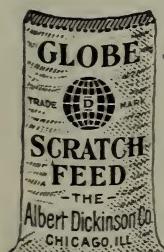
Sexton Feed Hopper, - - - - - \$2.50

OAT SPROUTER.—6 Trays and Rack, \$6.00.

# GLOBE POULTRY FEEDS

No Grit. No Waste.

**Globe Chick Feed.**—A mixture of small grains and seeds which make a complete balance ration for young chicks. Contains no grit. Prices variable according to grain market.



**Globe Scratch Feed.**—Composed of specially cleaned sweet grains, whole and cracked, also sunflower seed, oil cake and charcoal. No grit. No waste. Prices variable according to market.

**Queen Poultry Mash.**—A select mixture of ground feeds from sweet, wholesome grain, it is a growing and health food, a molting food and an egg producer. Price variable according to market.

**Globe Developing Feed.**—No Grit.—For promoting the growth of chickens, following the period of Globe Chick feeding. Prices according to market.

**MILK-MASH**—(Blachford's) for young chicks and growing chicks, per 100 lb. bag, \$6.50; per lb., 8c.

#### GROUND CHARCOAL

100 lb. bag.....	\$4.50
50 " "	2.50
Per lb.....	.08

#### POULTRY GRIT

No. 1—Coarse for Poultry,	}	Price per 100 lb. bag,
No. 2—Medium,		
No. 3—Fine, for Chicks,		.85c.
HEALTH GRIT—per 100 lbs.		\$3.00
" "		.05

**CLOVER**—Shredded Alfalfa, 50 lb. Bag, \$2.50; 100 lb. Bag, \$4.50.



## STERLINGWORTH DIARRHOEA REMEDY

Cures and prevents diarrhoea including white diarrhoea. A powder for use in drink. Price 30c and 60c.

## International Poultry Food

This food is giving exceptionally good satisfaction. Price per package, 30c, 60c, and \$1.20.

## Pratt's Poultry Food

26 oz. Package	- - - - -	.30
5 lb. Package,	- - - - -	.60
12 lb. Pail,	- - - - -	2.00

## Pratt's Baby Chick Feed

Excellent for little chicks. Per package 30c, 60c and \$1.25. 100 lb. Bag \$8.00.

Pastura Poultry Regulator, 75c, 1.50, 4.50

## Dr. Hess Poultry Pan-a-ce-a

1½ lb. pkg.	30c.
5 lb. pkg.	75c.

## Sea Shells

Per 100 lb. bag \$1; per peck, .40; per qt., .07

## Ground Beef Scraps

100 lb. bag.....	\$5.50
25 lb. bag.....	1.50

## Ground Oyster Shells

Per 100 lbs.,.....	\$1.50
" lb.....	.02

## Bone Meal

For cattle or poultry, per 100 lbs.,...	\$6.50
Per 25 lbs.,.....	2.00

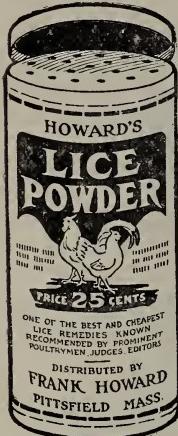
## Cracked Bone

100 lb. bag.....	\$6.50
25 lb. bag.....	2.00

## DEATH TO LICE POWDER

This has given excellent satisfaction, doing perfectly the work intended.

Small Package .....	\$ .30
Medium " .....	.60
Large " .....	1.10



## LIQUID LICE KILLER

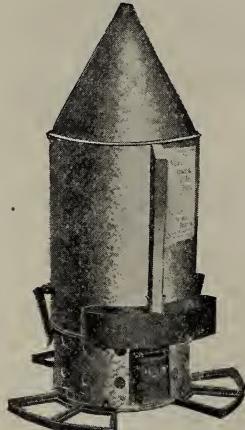
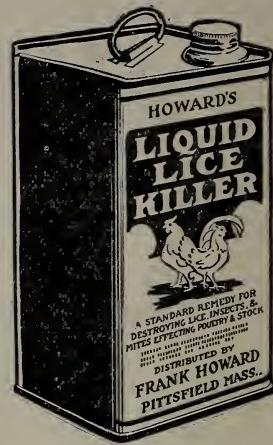
This is a liquid insecticide for destroying lice on poultry, stock, etc., and is an excellent article, very easy to use, and does its work thoroughly. It is also a disinfectant.

Price 1 Quart Can.....	\$ .60
" 2 " "	.90
" 4 " "	1.35

## DR. HESS LICE KILLER

pkg. 30c and 60c

Sulphur Fumigating Candles, Each 20c.



PEERLESS POULTRY FOUNTAIN—Large size, \$1.50; Med. size, \$1.00; Chick size, 45c.

## Norwich Airlock Fountain

Complete with Burner and Base.....	\$7.00
Without " " "	3.50

STONE WARE POULTRY FOUNTAIN.—35 and 50c.



Cyphers Brooder Thermometer for A Brooder, 90c

## Standard Incubator Thermometer

Price 90c



## SNOW SHOVELS

All Steel.....	\$1.00
Galvanized Iron.....	1.50
Galvanized Boys'.....	45c
Sidewalk Chisels (Socket Forged).....	75c and 1.00
Incubator Hygrometer.....	2.25
Caponizing Sets.....	2.50 to 5.00
Poultry Killing Knife.....	75c and 1.00

## Incubator Lamps

Plain, No. 0, complete with burner,	- - - - -	\$2.00
Plain, No. 1, \$2.40; Nos. 2 and 3, complete with burner,	- - -	2.75

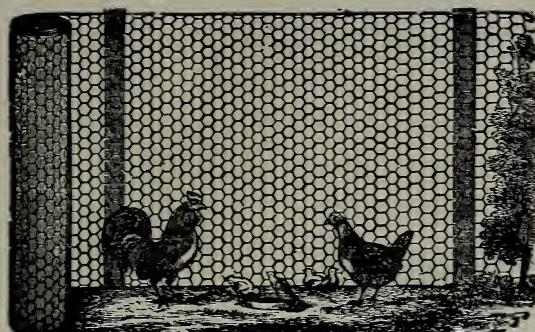
## Incubator Burners

No. 0, 75c; No. 1, 90c; Nos. 2 and 3, 1.10. Rings, Extra, 10c.

**GALVANIZED POULTRY NETTING**

WE HANDLE THE BEST MAKE OF NETTING

STOCK WIDTHS—2 inch Mesh.



POULTRY NETTING STAPLES.—Per lb. package,

Full Rolls 150 Lineal Feet	Less Than Full Rolls per Sq. Ft.
12 inch.....	\$1.85 1 3-4c
18 ".....	2.75 "
24 ".....	3.40 "
36 ".....	4.75 "
48 ".....	7.20 "
60 ".....	9.00 "
72 ".....	10.75 "

STOCK WIDTHS—1 inch mesh.

12 inch.....	\$4.25 3 1-2c
18 ".....	6.25 "
24 ".....	7.75 "
30 ".....	9.35 "
36 ".....	10.75 "
48 ".....	14.25 "
60 ".....	17.85 "

15c

**AMERICAN FIELD FENCING**

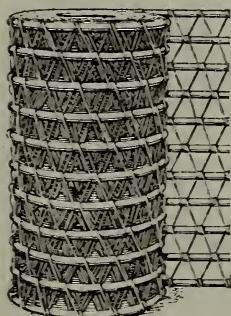
The best fencing made for stock of any kind. It is strong, neat and safe; will stop anything from a pig to a buffalo.

Made in widths from 22½ inches to 58 inches. Stock numbers are 845-12, 635-12, and 832-6.

Stock numbers on Poultry and Garden fence are 2158-6.

**AMERICAN PARK and PADDOCK FENCE**

Made in six designs, the highest 88 inches, the lowest 61 inches. Prices on Application.

**DIAMOND LAWN FENCE**

This is especially designed for Lawns and Yards. Is 2 in. mesh, making it hard to climb, is very strong and neat, can be used with our steel posts or on wood posts; made in various heights. Prices on application.



Send for our Special Fence Book, which will tell you all about the American fences and the Yankee Gates.

See inside back cover for other Lawn Fence.

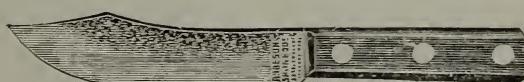
**FARMERS' FAVORITE FEED COOKER**

For Butchers, Sugarmakers, Poultrymen and Dairymen. The Boiler is made of Galvanized Steel. The price is for cooker complete, consisting of stove or fire box, galvanized boiler with cover, one length 6 in. pipe and damper and 6 in. elbow.

No. 1—Capacity 25 gallons, - - - - -	\$19.00
No. 4—" 50 " - - - - -	25.50



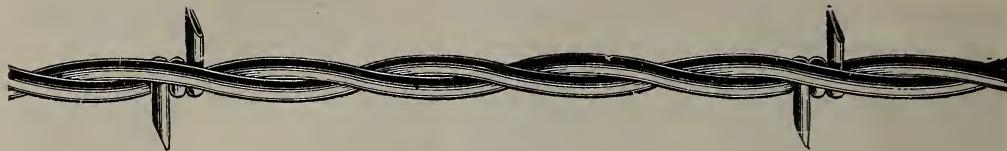
Farmers' Favorite Cooker



BUTCHER KNIVES } Inches—5, 5½, 6, 7, 8, 9, 10, 12, 14,  
} Prices—35c, 45c, 50c, 60c, 65c, 75c, \$1.00, \$1.25, \$1.50, \$1.75 and \$2.00.

STICKING KNIVES—Warranted, 5 in. 50c; 6 in., 65c.

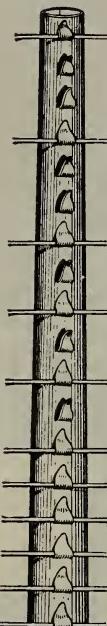
HOG SCRAPERS—Each .....	15	HOG RINGS—Per 100 .....	20
" Catchers, each .....	.75	" Ringers .....	.35



The above is cut of 2 point Barb-Wire. This is the style barb-wire now in general use. Comes on reels of 80 Rods each.



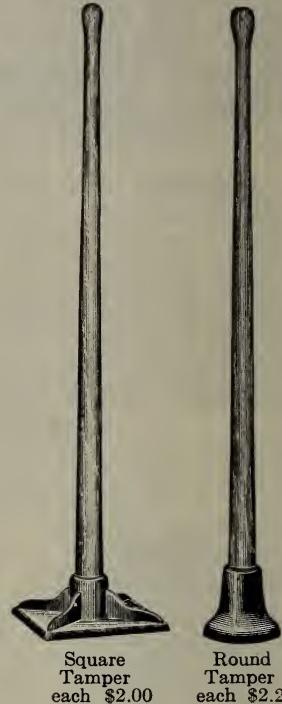
**PLAIN 2-PLY FENCE WIRE**—This is safer than the Barb-wire for horse pasture. If the end posts are firmly set so that they do not give it will never sag. We are always in a position to name you Low Prices on first class steel fence wire.



## AMERICAN FENCE POSTS

Made of steel, galvanized, almost indestructible  
Prices on Application.

Gage and Design	Length in Feet	Approximate Weight in lbs.	List
No. 14½ Line Post . . . . .	6½	9.1	.83
No. " Line Post . . . . .	7	9.8	.91
No. " Line Post . . . . .	7½	10.5	.97
No. " Line Post . . . . .	8	11 2	1.08
No. 10 End Post, Ideal	7	51.8	4.90
No. 10 End Post . . . . .	8	59.3	5.55
No. 10 Corner Post . . . . .	7	72.9	7.30
No. 10 Corner Post . . . . .	8	83.4	7.85
No. 10 Hitching Post . . . . .	6½	28	



## ANCHOR POST IRON WORKS

Prices on Anchor Posts and Fence either for material only or for Fence Erected on application.

### GIBBS Post Hole Digger.

The Best General Purpose Digger Made. Price \$2.50. Wire Fence Staples per lb., 12c.

### CAST IRON MAULS.—

Weight from 12 lbs. to 20 lbs., each.....\$2.00

### CAPS FOR DRIVING POSTS,

50c

### American Fence Stretcher,

\$7.00

### TOWNSEND WIRE STRETCHER,

\$2.75

### ROPE AND PULLEY

STRETCHERS, \$2.50

### LINEMAN'S PLIERS,

\$1.50, \$2.50 and \$3.00

### POST HOLE SPOONS,

\$3.75

### POST AUGER,

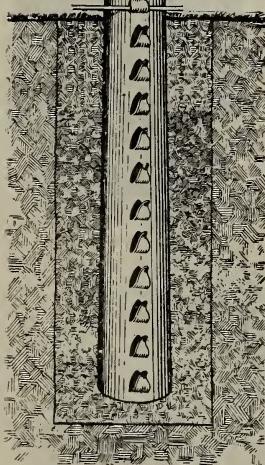
\$3.75

### WIRE CUTTING PLIERS.

\$1.00 and \$1.50

### FENCE CUTTING PLIERS,

\$1.75



## Patent Automatic Lock Tackle Block

THIS LOCK HOLDS THE LOAD AT ANY POINT

	No. of Sheaves.	Size	Lbs. one man can hoist.	Lbs. capacity.	List Price.
No. 80	2 and 1	1-2	300	600	\$9.20
No. 90	2 and 1	5-8	350	1000	13.20
No. 100	2 and 2	5-8	500	1500	14.40
No. 110	3 and 2	5-8	625	2000	16.32
No. 120	3 and 3	5-8	750	3000	18.24
No. 130	4 and 3	5-8	900	3500	19.04
No. 140	2 and 1	3-4	350	1250	15.60
No. 150	2 and 2	3-4	500	1800	16.80
No. 160	3 and 2	3-4	625	2500	19.20
No. 170	3 and 2	3-4	750	3700	21.60
No. 180	4 and 3	3-4	900	4000	24.00

APPLE PARERS—Hudson..... \$1.75

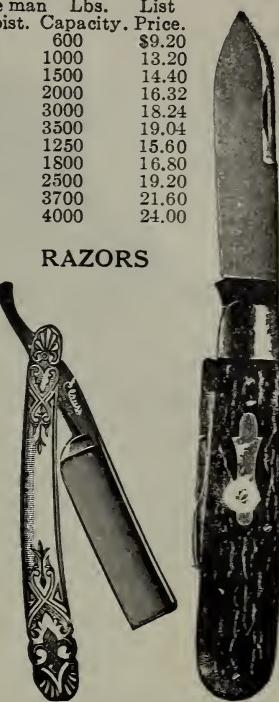
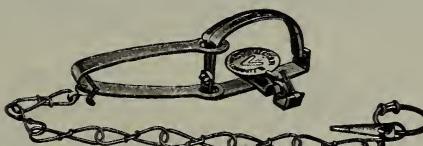
CORK SCREWS..... 5c to \$1.00

CORN POPPERS..... 1 qt. 40c, 2 qt. 50c, 4 qt. .70

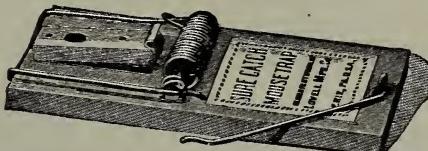
" " extra heavy..... 1.00

POCKET KNIVES  
Complete stock of  
warranted knives.

## RAZORS

SCISSORS AND SHEARS—Our "Special"  
Scissors are "best goods"—we have a full  
line of these, also cheaper grades.

GAME TRAPS—25c to 75c

MOUSE TRAP—Sure Catch .. 2 for 5c | RAT TRAP—Sure Catch ..... 20c  
" " Round ... each 15c | RAT TRAP—French Wire..... \$1.35  
" " French Wire.... 50c |

KITCHEN KNIVES ..... 10c, 15c, 20c, 25c and 35c



## DINNER PAILS—

Heavy, \$1.35.  
1.50 and \$1.75

LUNCH BOXES—Tin 50c

LUNCH BOXES—folding 35c

THERMOS BOTTLES—  
\$2.50 to \$8.00

Thermos Bottle Fillers, \$2.00

THERMOS LUNCH KITS . \$4.50

TACKS—Gimp, Carpet and Double Pointed, per pkt., 10c and 15c

TACK PULLS—15c

CUTTLE BONE—Each

FLOWER POT BRACKETS—Single Pot Bracket,

Two Pot Bracket, one arm,

Two Pot Bracket, two arms,

CARVING SETS—An assortment of warranted

sets, prices from

COUNTER DUSTERS—

WELL BUCKETS—Oak, galvanized hoop,

WELL BUCKETS—Galvanized,

FLOUR SIEVES—

HAMMOCK HOOKS—Per pair,

BAIL AND BOX HOOKS—Each,

BIRD CAGE HOOKS—

\$1.00 to \$10.00

50c and 75c

\$2.00

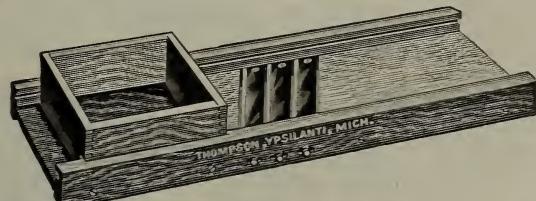
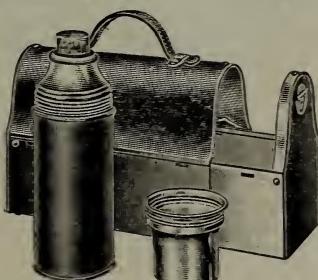
80c and \$1.00

20c, 25c and 30c

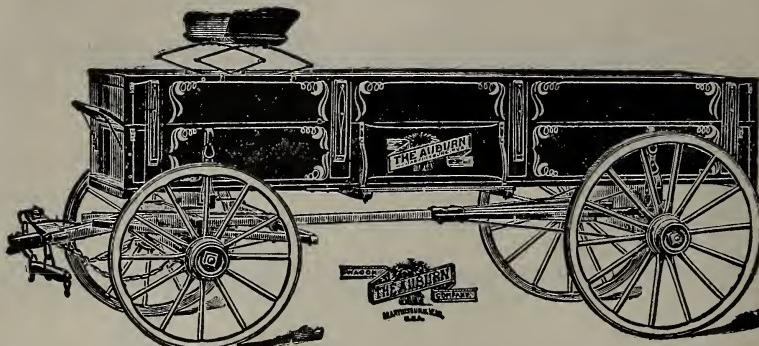
25c

50c and 60c

15c and 25c

KRAUT or SLAW CUTTERS—No. 9B (2 knives) \$2.00  
" " " " " 55 (3 " ) 2.50  
" " " " " 65 (3 " ) 3.50  
" " " " " 11B (4 " ) 3.00  
" " " " " 80 (4 " ) 6.50

## AUBURN FARM WAGONS

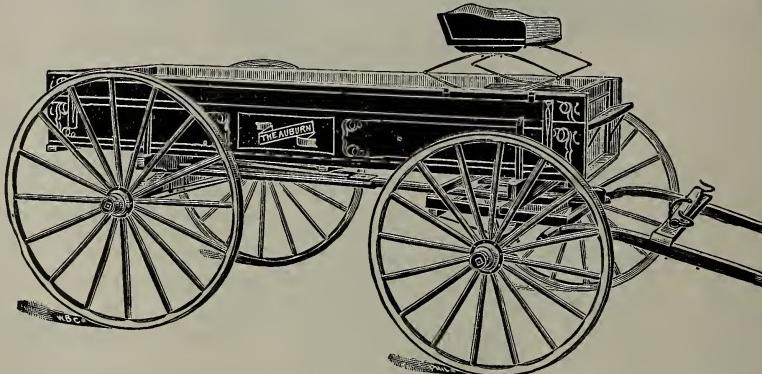


**The Lightest Running and Strongest Farm Wagons on Wheels  
THOROUGHLY MADE THROUGHOUT, WELL FINISHED, FULLY GUARANTEED  
BROAD TIRES.**

Designation.	Style.	Size of Axle.	Kind of Wheels	Size of Tire.	Price Gear Only.	Price Complete With Box. Top Box and Seat.
Standard	Solid Axle,	1 3/4 in.	Sarven	3 x 1/2 in	\$186.00	\$234.00
Heavy	" "	2 "	"	" "	216.00	264.00
Medium	Hollow Axle,	2 1/8 "	"	" "	162.00	210.00
Standard	" "	2 3/8 "	"	" "	192.00	222.00
Double Box, Complete with Spring Seat, \$54.00.						

Farmers' Farm Truck, gear only. Thimble Skeins, 3 inch Tire, Wheels, 36 in. and 40 in., capacity 3000 lbs., \$126.00

## AUBURN ONE HORSE WAGONS

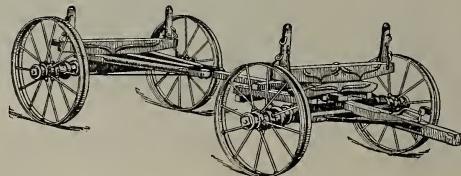


Gear Only.

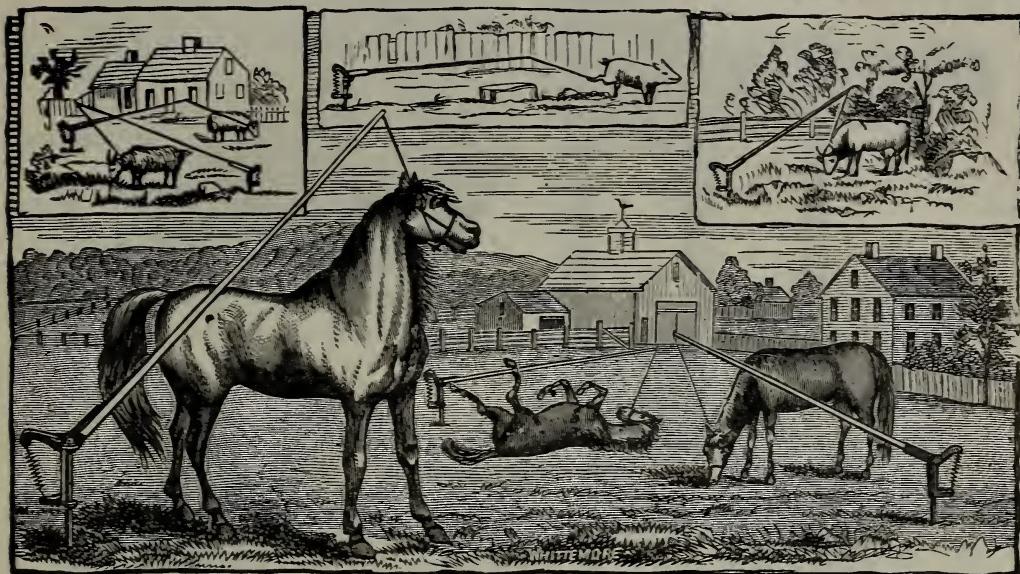
1 1/4 in. Solid Steel Axles, Sarven Wheels, 2 in. tire, \$87.50, complete with 9 ft. box, 110.50  
1 3/8 in. " " " " 2 " " 107.00, " " 9 ft. " 130.00  
Double Box, Complete with Spring Seat, \$33.00.

## STEEL WHEEL FARM TRUCK

A Low Down handy wagon for farm use. Wheels 28 in. and 32 in., Tires 4 in Price  
without box, \$90.00



## WRIGHT'S ANIMAL TETHER Price \$3.75



**Stewart** Power Horse  
Clippers, \$14.00

Sheep Shearing Attachment, \$13.00  
Bottom Plate for Power Clipper, 1.75  
Top " " " " 1.25  
Clipper Head Complete \$4.00

## Horse Blankets

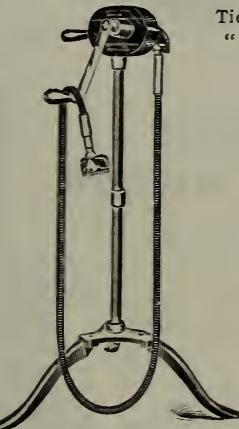


We purchase our STREET and STABLE BLANKETS, Automobile Shawls and Robes from two very large blanket mills. We show a nice assortment and our prices are right.

**HORSE CLIPPERS**  
From \$3.00 to \$4.50  
**BODY OR BRISTLE HORSE BRUSHES**, \$1.25 to \$5.00.



**WAGON SHOES** \$2.75 Each.  
**SPONGES** 25c, 50c, \$1.00, \$1.50, \$2.50.  
**CHAMOIS** fine large, \$2.00 and \$2.25.



HARNESS

We carry Farm and Team Harness, Express and Light Harness, at attractive prices.

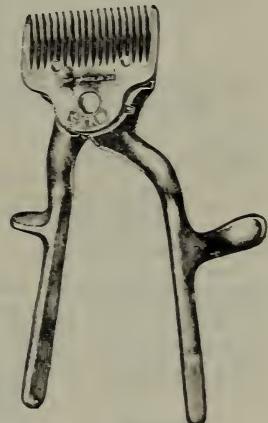
## CURRY COMBS

8-Bar Common Steel..... 25c  
6-Bar, Best Steel..... 35c  
8-Bar, Best Steel..... 40c

HARNESS PUNCHES (revolving)  
\$1.25 and \$1.50.

## HARNESS SNAPS

7-8 in. 6c, 1 in. 7c, 1 1-4 in. 8c, 1 1-2 in. 8c, 1 3-4 in. 9c, 2 in. 12c.

DANDY OR MANE BRUSHES  
Rice Root, ..... 50c, 75c, 85c \$1.00  
MANE COMBS ..... 50c  
BLANKET PINS ..... 5c

(Toilet Clippers)

## TOILET CLIPPERS

From \$1.60 to \$6.00  
Fetlock Clippers, \$1.60 to \$2.25

## HALTERS

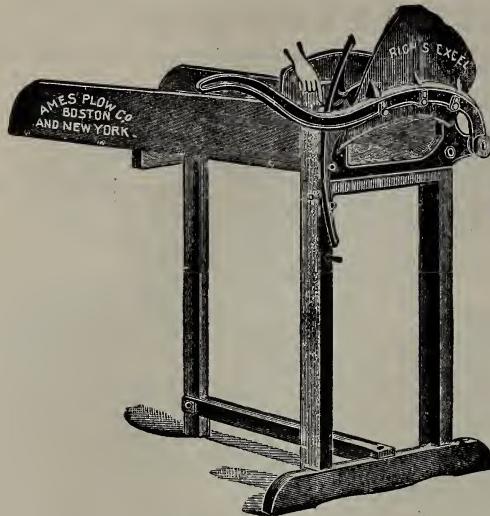
HALTERS (Horse)  
Leather, \$1.75, 2.00  
and \$2.25

HALTERS (Calf) \$1.25 HALTERS  
(Cow) \$1.75.

WHITE SAND, quart 5c. per bag \$1.  
Fetlock Shears, 2.25



FEED BAGS ..... \$1.00 to \$1.50  
SLOW FEED ..... \$1.50  
HITCH RINGS, 25c and 30c  
HITCH WEIGHTS, 20 lbs., \$3.



### WAGON JACKS

BOSTON.—No. 1, (leather protection) .....	\$4.40
No. 2, " " .....	5.25
No. 3, " " .....	6.00

### LITTLE GIANT

No. 0.....\$2.50	No. 2.....\$3.50
No. 1.....3.00	No. 3.....4.00
<b>ROPE TIES.—Jute, 1 Snap...</b>	
" " " 1 Snap and Ring .....	.30
" " " 2 Snap and Ring .....	.50
	.75

### RIVETING MACHINE

Price each .....	.85c and \$1.75
" Rivets for Acme machine, per box .....	.25

<b>BROOM</b> —Rattan Push, .....	1.10
" " Extra .....	1.20
" Steel Push.....	\$1.00
" Plain (Corn) or extra heavy.....	1.35
" Rattan Mixed .....	1.50
<b>BELLS</b> —Team, Medium.....	.35c and .50c heavy.....
Nice assortment Chime Bells for light Driving.	.85c, \$1.00 and \$1.25
<b>COPPER RIVETS</b> .— $\frac{1}{2}$ , $\frac{1}{4}$ and $\frac{3}{8}$ in. per pkt. 35c	
" Slotted assortment.....	15c
<b>OAT SIEVES</b> .....	\$1.50
<b>AXLE WASHERS</b> .....	Per coil, 15c



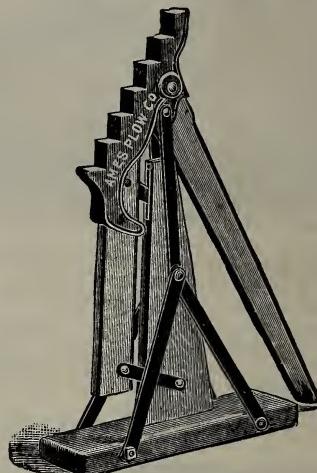
<b>LANTERNS</b> —(Dietz) Lift wire No. 0, \$1.00; No. 2, \$1.50.
<b>LANTERNS</b> —Wizard — \$1.85
<b>EUREKA DRIVING LAMP</b> , 2.50
<b>LANTERNS</b> —Dietz Jr. Driving ...2.25
<b>LANTERN GLOBES</b> —No. 0, 15c; No. 1, 20c; red, 60c.
<b>LANTERN BURNERS</b> , 15c and 20c
<b>LANTERN HOLDERS</b> ....25c

<b>WHIPS</b> —Nice assortment of Team and straight Whips and Lashes.
<b>PAILS</b> , Fibre, stable..... 1.50
" " house..... 1.00
<b>AXLE GREASE</b> .—"4 Brothers," per 1 lb. box, 25c; per 3lb. box, 70c; 25 lbs., \$5.00.
Snow Flake, 45c.

<b>LEVER FEED CUTTER</b>	
No. 1, Straight Knife	\$6.50
No. 2, Curved Knife	7.00
No. 2 $\frac{1}{2}$ , "	8.00

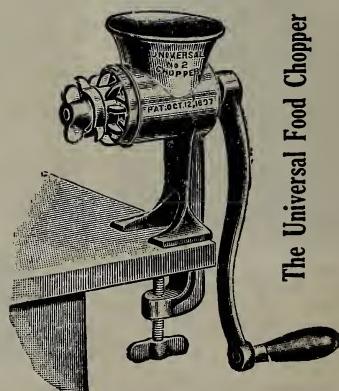
<b>CORNER MANGERS</b>	
Heavy (flanged top)....	\$3.50
Slow Feed, \$3.50	

<b>CORNER HAY RACK, \$3.50</b>	
HOG TROUGH,—Cast Iron 4 ft. long,	\$8.50



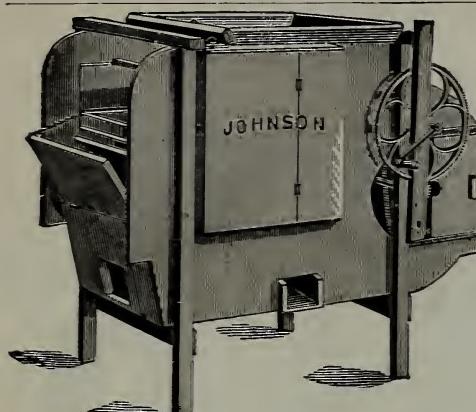
LITTLE GIANT JACK

<b>AXLE OIL</b> .—Pints, 50c; Quarts, 75c
<b>NEATS FOOT OIL</b> .—Pints, 50c; Quarts, 80c; $\frac{1}{2}$ Gallon, \$1.50. 1 Gallon, \$2.25.
<b>HARNESS DRESSING</b> .—(Frank Miller's), Pints, 50c; Quarts, 75c; 1 Gallon, \$2.75.
<b>HARNESS OIL</b> .—Frank Miller's. Pints, 50c; quarts, 85c.
<b>HARNESS SOAP</b> .—Frank Miller's pan 50c and 75c
<b>HARNESS SOAP</b> .—Tub, \$2.00
<b>MOWING MACHINE OIL</b> .—Bulk, per Gallon, 75c In Quart Cans, 45c; in Gallon Cans, \$1.00
<b>SEPARATOR OIL</b> .—Howard's Best, per Gallon, \$1.15; per quart, 45c
<b>GAS ENGINE OIL</b> .—Gallon can, \$1.00.



The Universal Food Chopper

Price No. 1, \$2.50  
" " 2, 3.00  
" " 3, 4.00



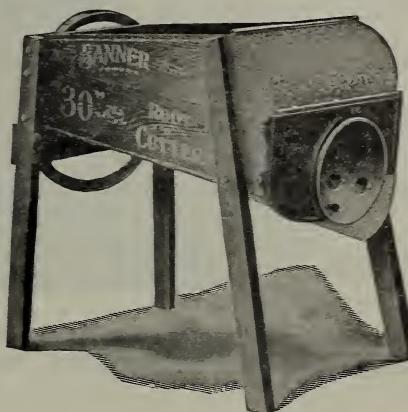
**THE CHICOPEE FAN MILL**  
THE POPULAR FAN OF NEW ENGLAND  
PRICE - - - - - \$40.00

No. 1 Fan Mill, Plain, \$45.00.  
No. 1 Fan Mill with Elevator and bagger, \$65.

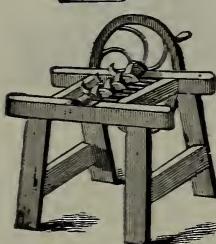
**BANNER ROOT CUTTER**

A RAPID SLICER.

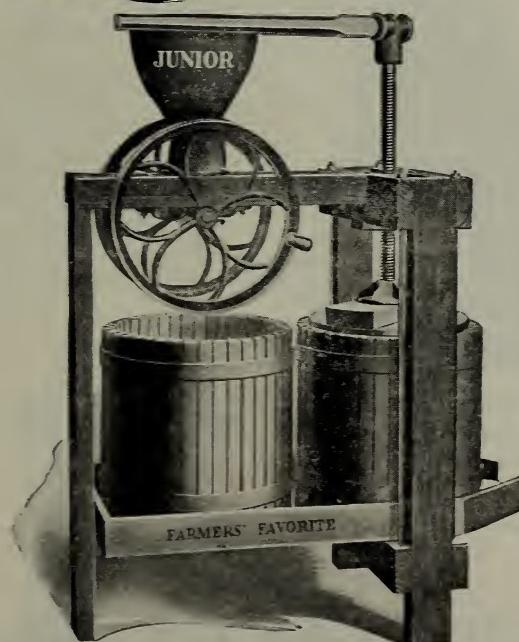
No. 20, Hand Machine, - - - - -	\$15.00
" 30, " " " " " - - - - -	24.00
" 31, All Steel and Iron - - - - -	18.00



**CHAMPION  
ROOT CUTTER**



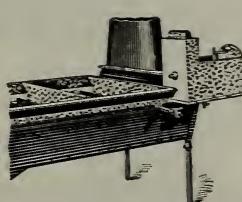
Has one set Fine Knives and one set Coarse. Price \$14.00.



**LARD AND WINE PRESSES**  
Prices on application

**CIDER MILLS**

Junior . . . . .	\$29.50
Medium . . . . .	.38.95
Senior . . . . .	.51.00



**MAPLE SUGAR  
EVAPORATORS  
AND SUPPLIES**  
Write for prices.

**SAP SPOUTS**

CANCO, each without hooks 5c, per 100 \$4  
" " with hooks 5c, per 100, 4.50  
" Hooks Separate, per 100, 75c

**SAP PAILS**

Galvanized, heavy, 12 qt. and 14 qt.  
Prices on application.

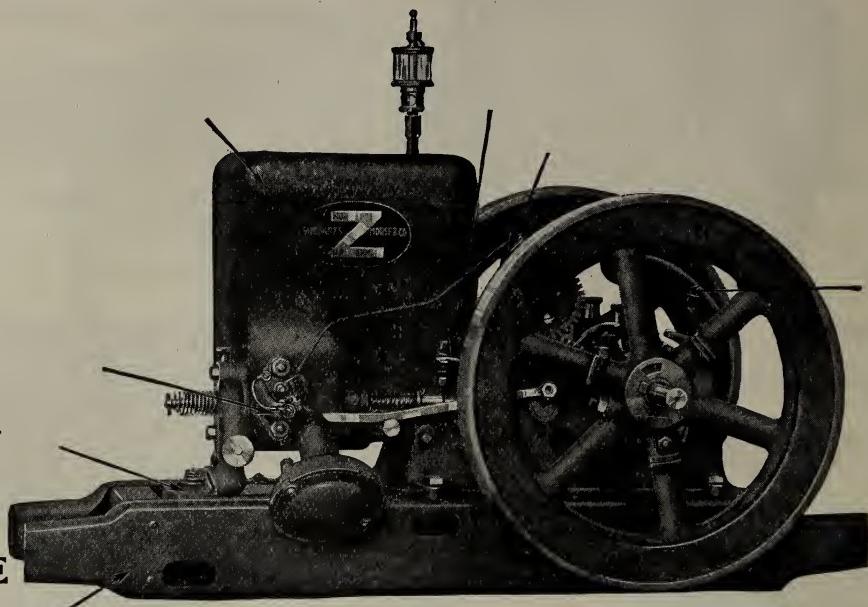
Vermont Bucket Covers, each, 15c  
SYRUP CANS.—One gal., square,  
screw top each 24c; per 100, \$22.00



Rubbish or Paper Burner  
1—12x18 in., \$2.25  
2—15x22 " 2.50  
3—18x26 " 3.00  
4—21x31 " 3.50



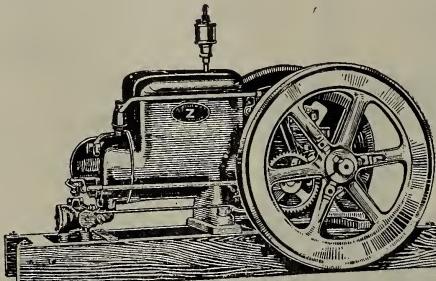
THE  
NEW  
TYPE  
“Z”  
FAIR-  
BANKS-  
MORSE  
ENGINE



Economical, Simple, Substantial, Gun Barrel Cylinder Bore.—Complete with Bosch Magneto, more than rated power. Sizes are  $1\frac{1}{2}$  Horse Power

3	"	"
6	"	"
10	"	"
15	"	"

Prices on application.



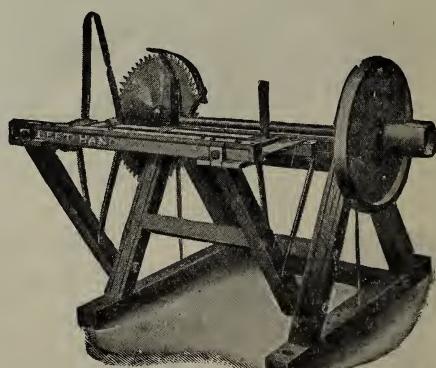
Special Electric Engine and Electric Lighting Outfit. For residences or farm lighting, or for small store, garage or manufacturing establishment. If in need of a lighting plant or power we will be glad to send an expert to confer with you.

### WOOD FRAME SAWING MACHINE

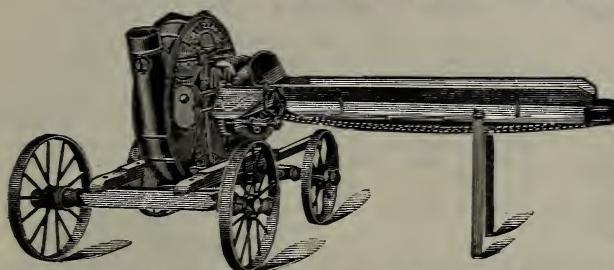
Made of Hard Wood, will accommodate saws from 20 in. to 30 in. in diameter. Pulley is 5 inches in diameter with 6 inch crown face, Balance wheel weighs 95 lbs. The frame can be fitted with pole extension if specially ordered, at extra cost. We recommend using 4 in. 4 ply canvas belting, 10 foot centers, 22 feet belt.

Tilting Table Complete with 22 in. Saw, \$49.00  
 " " " " 24 " " 51.00  
 " " " " 26 " " 52.50  
 " " " " 28 " " 55.00

For Sliding Table add \$8.00.



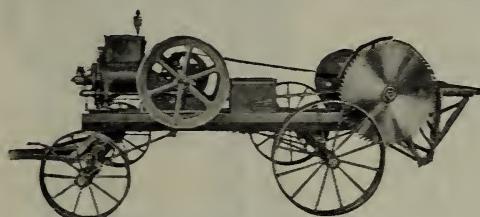
## BLIZZARD ENSILAGE CUTTER AND BLOWER



and the No. M. 13 requiring 7 to 10 Horse Power.  
the No. L. 18. Write for special cutter catalog.

All the very latest improvements are embodied in this machine. They are built for endurance and to give satisfaction to the user. The construction is such that they are operated probably with as little power size for size as any cutter and blower made. One of the popular sizes for ordinary farm work is No. M. 21 requiring from 4-7 horse power

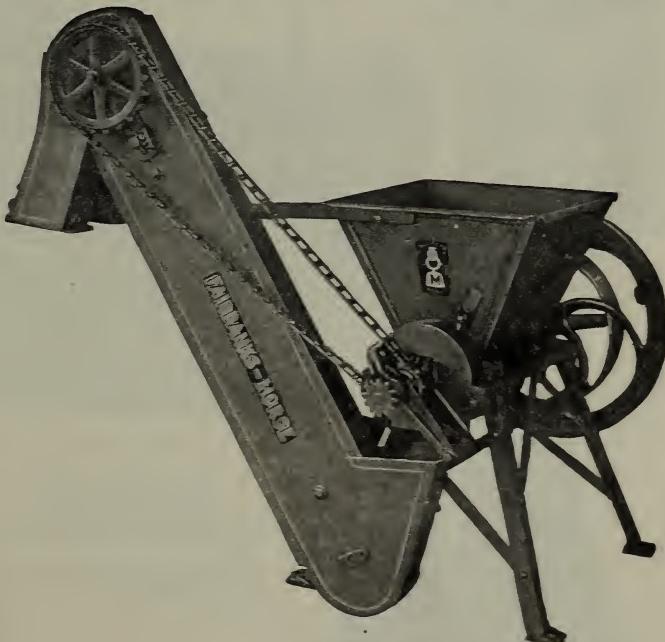
For smaller machine using less power



## ENGINE AND WOOD SAWING OUTFIT

Prices on application

## FAIRBANKS' MORSE FEED MILLS



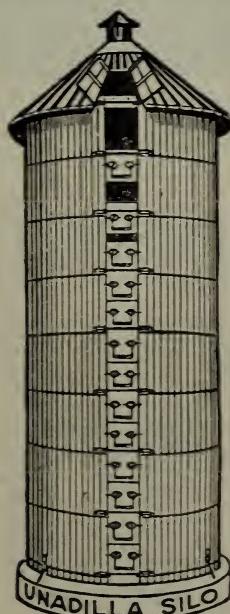
Especially adapted for farm use, Practical, Durable, Economical.

No. 1, with extra set grinding plates, \$35.00

Elevator and Bagger, 5 ft., extra, \$16.00.

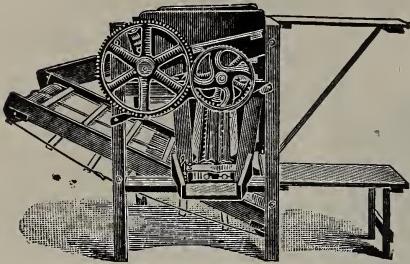
Hand and Power Grinder No. 20 with stand, \$22.50. No. 15, Hand and Power, \$16.00.

**LENTZ GRINDING MILL**—Our excellent Farm Mill. Price \$55.00



## THE UNADILLA SILOS

The use of the silo on the dairy farm has long since passed the experimental stage and is now considered a fixed necessity. We are offering you a SILO THAT IS UP TO DATE IN EVERY DETAIL OF MODERN SILO CONSTRUCTION, in sizes holding from 15 to 393 tons. They are made in White Pine, Oregon Fir, and Spruce. We want to figure with you on a Silo. Write or see us.



### The Chicopee Corn Husker

A Corn Husker that leaves the stalks in shape to bind something the farmer has been looking for. Power required for full capacity 5 to 6 H. P.—and will husk from 25 to 50 bushels per hour. Some of these machines are running with 2½ horse power engine, with this power they husk from 15 to 25 bushels of corn per hour. "The Chicopee" is guaranteed to husk the corn and separate the ears from the stalks without material injury to the grains of corn. Price,

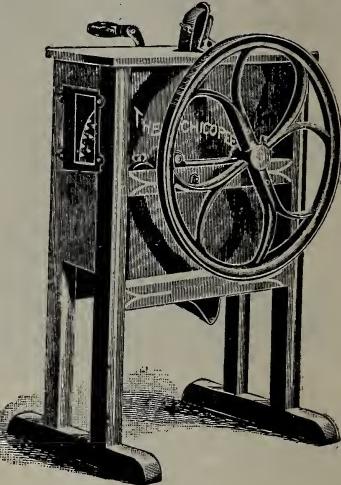
6 Roll \$180.00

### LION RIGHT HAND CORN SHELLER

A very simple and popular Sheller. There is only one size and that is with a separator. It is a

**RIGHT HAND SHELLER**  
has a large, heavy balance wheel. The working parts are held firmly together by solid shaft boxes or bearings.

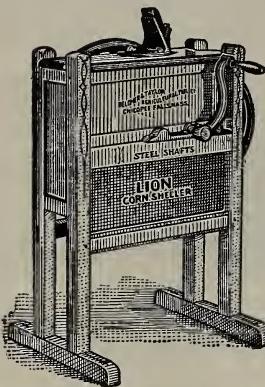
PRICE, \$19.00



### THE CHICOPEE CORN SHELLER

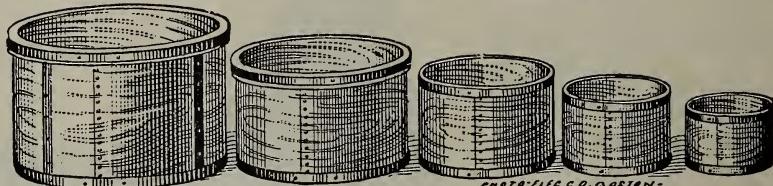
Strong, well made, with separator and chaff sieve ————— \$17.00.

**Red Chief Corn Sheller**  
Fastens to Barrel, \$3.25



### STEEL DRY MEASURE

to use with threshing machine  
32 $\frac{1}{4}$  qt. . . . . \$2.25



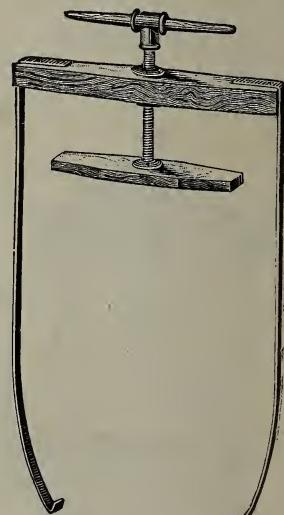
### OAK DRY MEASURES

Sealed, 1 qt. 35c, 2 qt. 50c,  
4 qt. 90c, 8 qt. \$1.50, 16 qt.  
\$2.25, per set \$4.75.



### SEAMLESS GRAIN BAGS

Per bale, 100 bags. Prices on application.



### BAG HOLDERS

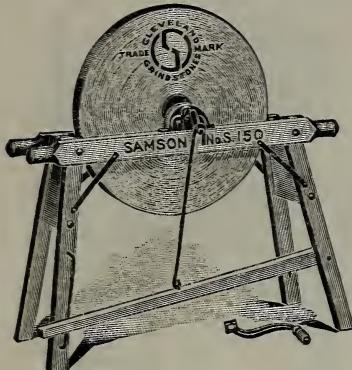
Metal Tunnel—Adjustable to desired height, very convenient, Price, \$3.50.

**Brooms**  
No. 6-House (fine) \$1.00  
" 7—" " \$1.15  
Whisk Brooms,  
50c and 75c  
Barn Brooms, see pg. 82

### BOSTON PATTERN TRUCKS

Sizes  
1  
2  
3  
4

Length Handles	Axle	Wheels Outside
52 "	¾ in.	9.50
56 "	⅝ in.	10.75
58 in.	1 in.	13.00
68 "	1 ¼ in.	14.50



## MOUNTED GRINDSTONES

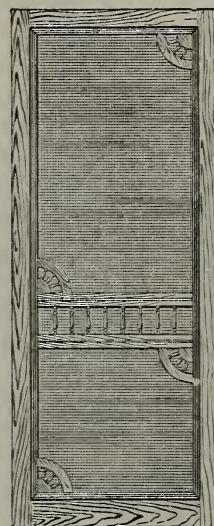
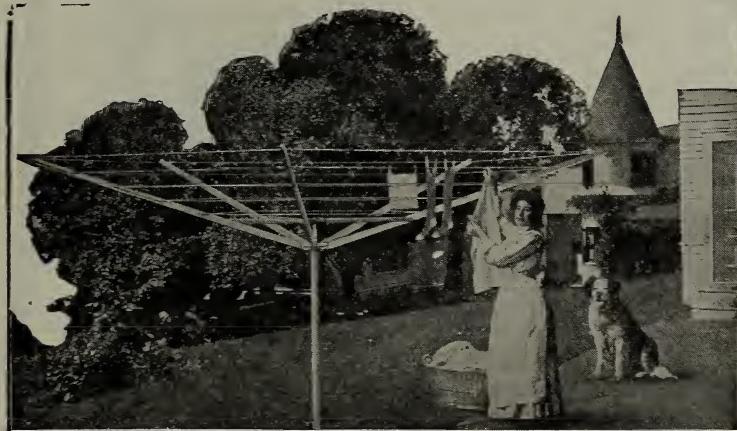
	Weight about	Price
Extra Wood Frame, No. 1.....	130 lbs.	\$12.00
Regular " " No. 2 .....	100 lbs.	11.00
Grindstone Fixtures, for mounting, prices on application.		
Huron.....	per lb. 5c	

## SCREEN DOORS

Plain, 3 inch stile, wire black, price complete with trimmings, \$4.25		
Light Finish, Fancy Pattern, 4 in. stile.....		\$5.00
Our Custom Made.....		\$7.50

## WINDOW SCREENS

The "Leader," Hardwood Finish, Height	18 in.	Adjusts 20 in to	33 in.	75c
" " "	24 "	" 20 "	33 "	90c
" " "	24 "	" 23 "	37 "	1.00
" " "	28 "	" 23 "	37 "	1.20
Sherwood Steel, 18 inch, 22 in. to 33 in., -	-	-	-	90c
" " 24 "	22 in. to 33 in., -	-	-	1.05
" " 24 "	24 in. to 37 in., -	-	-	1.40
WIRE SCREEN CLOTH BLACK—Per sq. ft.,	-	-	-	4c
BRONZE SCREEN CLOTH— Per sq. ft.,	-	-	-	15c

HILL'S  
CLOTHES  
DRYER

No. 1.....	\$13.25
No. 2.....	\$14.50
No. 3.....	\$16.75

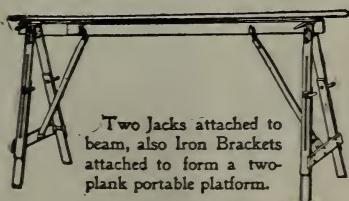
## REVOLVING CLOTHES DRYER

Very convenient, easily folded, can be removed from stand, and placed under cover if desired. Price 110 ft., \$7.50; 150 ft., \$8.00.

## CLOTHESLINE POSTS

(Steel Galvanized), 10 ft., \$3.50

## ADJUSTABLE SCAFFOLDING JACKS



Two Jacks attached to beam, also Iron Brackets attached to form a two-plank portable platform.

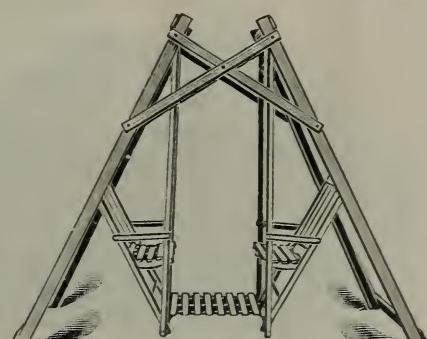


Two Adjustable Scaffolding Jacks Folded.

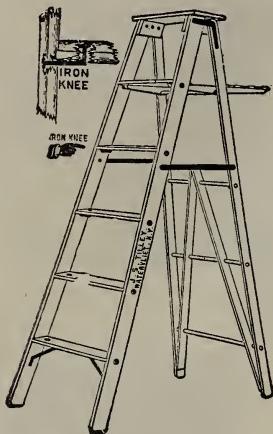
Practical for all interior scaffolding, mill work, metal ceiling, plastering, decorating, etc.

**Light, Rigid and Quickly Adjusted.**

Prices on Application



LAWN SWING.—Heavy wood frame, two passenger, \$9.00, four passenger, \$15.00



PARIS STEP LADDERS	5 ft.	\$3.50
(Very strong)	6 ft.	4.20
	7 ft.	4.90
	8 ft.	5.60
	10 ft.	7.00
IDEAL STEP LADDERS	3 ft.	1.80
" "	4 ft.	2.40
" "	5 ft.	3.00
" "	6 ft.	3.60
" "	8 ft.	4.80

COMMON LADDERS.—Tilley's best quality.  
Stock length, 10, 12, 14, 16, 18, 20, 22, 24 and 26 ft.

Price, 10 ft. to 18 ft. 35c ft., 20 ft. to 26 ft. 45c

LADDER HOOKS.—Each..... \$1.00

BEST EXTENSION LADDERS.—Sure lock, safest  
extension made, price 24 ft. to 38 ft. inclusive,  
60c per ft.; 40 ft. to 44 ft. inclusive, 70c per ft.;  
48 ft. to 52 ft. inclusive, 85c per ft.

WIRE FLY KILLERS.—Price..... 10c and 15c

CAN OPENERS.—Price..... 25c and 35c

WINDOW BRUSHES.—All Bristles .....	.75c
" " " " Large .....	.125
Handles, extra.....	.25c to .50c

COMMON ASH SIFTER  
—Large size, galvanized  
.75c.

THE HUSTLER ASH

SIFTER.—Fits a barrel or can. Price without can..... \$6.50

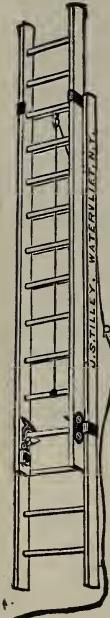
ROTARY ASH SIFTER..... \$4.50

CENTRAL ASH SIFTER..... 1.25

CENTRAL COVER.—Extra..... 1.25



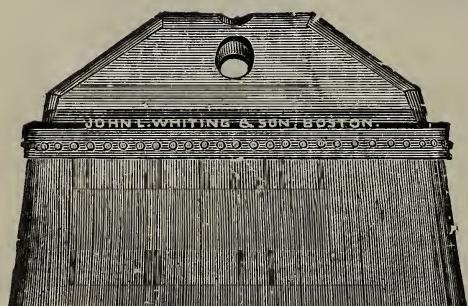
Garbage Pail



Extension  
Ladder



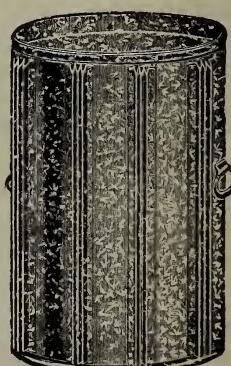
Coal Hod



WHITE WASH BRUSHES..... 75c to \$5.00  
KALSOMINE " ..... \$1.35 to \$7.50

WHITE WASH LIME.—  
Bbl. \$5.10; Selected lumps  
per lb. 4c.

ALABASTINE.—A splendid  
wall coating, much bet-  
ter than Kalsomine, etc.  
—ready for use by add-  
ing cold water—many  
shades, per pkg. (5 lbs.)  
75c.



Ash Can.



### Majestic Washing Machine

Operated with crank and balance wheel, a splendid machine. Probably the best hand power washer. Price \$16.00



### Yost Motor Washer

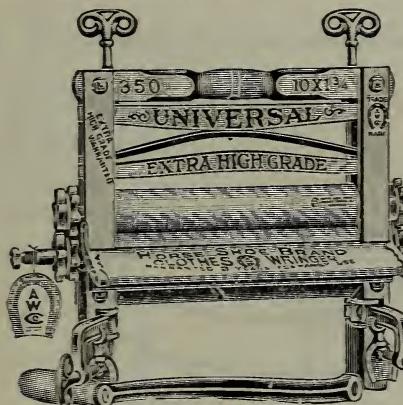
Operated by water power by connecting with faucet. Price \$24.00

### Wash Boards,

65c, 85c, \$1.00 and  
\$1.25

## CLOTHES WRINGER (WARRANTED)

No. 350, Family size, warranted .....	\$5.50
No. 351 Laundry size .....	6.50



No. 352, \$7.50

No. 380-E, enclosed Gear Ball Bearing, \$7.50.

No. 341, for set tubs, 8.00

No. B-381E Bench Wringer, \$10.75

### ROYAL WRINGER

Ball Bearing No. 590-E, \$8.00

Galvanized Wash Tubs  
Large \$3.25; medium 3.00,  
small, \$2.75.



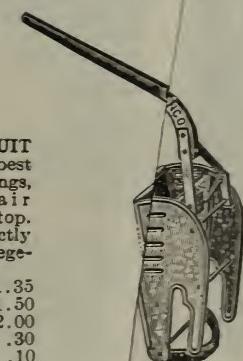
KLEANEASIE.—For Cleaning Out Waste Pipes.....	pkg. 70c
OBLONG CLOTHES BASKET.—3 sizes,.....	\$2.00, \$2.50 and 3.00
" " " Hand Made.....	\$2.75
CLOTHES LINES.—Cotton, 50 ft., 50c; 75 ft., 90; 100 ft., \$1.25 to \$2.00.	
CLOTHES LINES.—Wire coil, 100 ft.....	.75c
CLOTHES LINE PULLEYS.....	25c each and 85c pair
CLOTHES PINS—.....	5c and 15c Dozen
MOP STICKS.—Each.....	45c and 75c
MOPS.—Cotton .....	45c, 50c, and 75c

### MOP WRINGER

Family size \$2.75 and \$3.50  
Hotel size, \$4.50

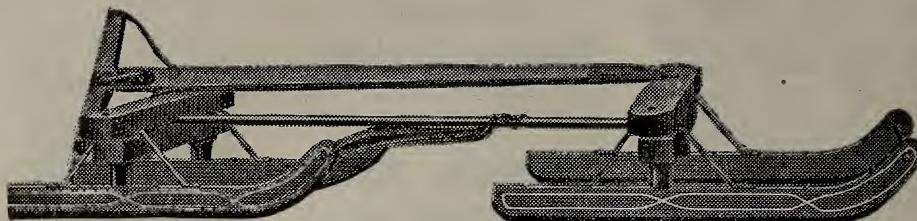


ECONOMY FRUIT JAR.—The best yet, no rubber rings, self-sealing, air tight, large at top. Keeps perfectly meats, fish, vegetables or fruit.  
Pints Per Doz. 1.35  
Quarts " " 1.50  
Two Qts. " 2.00  
Covers " " .30  
Lifters Each .10



UNIVERSAL BREAD MIXER.—  
Regular size, No. 4 ..... 3.75  
Large size, No. 8 ..... 4.25

## BOB SLEDS



The "ONE KNEE" Sled is fast taking the place of the old "Three Knee." Our Best Sled is Eastern made of white oak and is a good one.

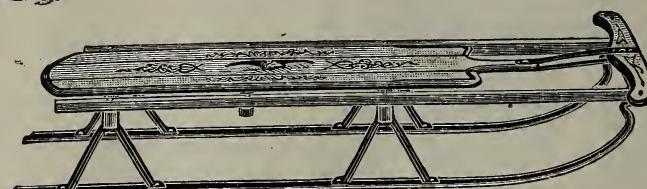
No. 3 is a heavy one horse	{	Prices on Application
" 2 " medium two "		
" 3 " heavy " "		

We also have an excellent Western Bob Sled—prices somewhat lower.

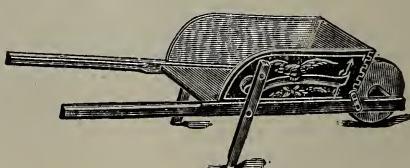
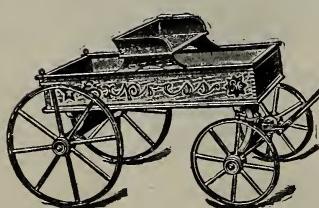
Paris Manufacturing Co.'s Sleds  
in Frames, Clippers, Baby Sleighs,  
and Double Runners.



The Genuine FLEXIBLE FLYER  
and the FIREFLY SLEDS in all  
styles and prices.



WAGONS—Fine line of Children's Wagons, from \$1.50 to \$15.00.



Children's Wheelbarrows



## SKATES

We carry the popular Winslow Skates in all Sizes and Prices.  
POLO AND HOCKEY STICKS, 10c  
to 50c

SNOW SHOES—Fine line. Maine  
and Indian made.

NORWEGIAN SKIS.—Complete  
with steering pole, \$1.75 to \$12.00.

TOBOGGANS.—In the popular  
sizes, from \$4.00 up.

## THE ICE KING



## ICE PLOW

8 in. with 14 to 22 in. Adjustable Swing Guide,	\$67.00
10 in. with 14 to 22 in. Adjustable Swing Guide,	\$73.50
12 in. with 14 to 22 in. Adjustable Swing Guide,	\$80.00

## ICE TOOLS

COMPLETE ICE TOOL CATALOG SENT ON APPLICATION.

PULLEY BLOCKS.—Large assortment in stock.



ICE HOOKS.—			
4 and 4 1-2 ft., each	\$1.95	6 feet, each.....	\$2.10
5 feet, each .....	2.00	8 " "	2.40



RING CHISELS, each,	\$7.00
BREAKING BARS, each,	10.50
SPLITTING FORK, 2-tined, each,	8.00
NEEDLE BAR,	6.00
ICE CREEPERS.—Per pair,	25c, 30c and 35c

ICE TONGS.—Boston Pattern, swell handle.	
No. 0. opens 13 in.	\$2.50
No. 1, " 14½ in.	2.75
No. 2, " 16½ in.	3.00
No. 3, " 24 in.	3.50
Drag or stowing, long handle,	
	\$4.50



"Empire" Double Acting Force and Lift Pumps—Adapted for shallow or deep wells. Cylinder is Brass Lined. Takes 1¼ in. suction pipe.  
No. 1362-4—as arranged for wells up to 26 ft. \$2100  
As arranged for deeper wells, \$2200  
Above prices do not include pipe below the upper valve.

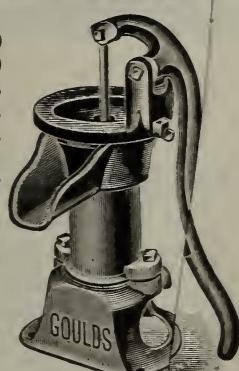
## RUBBER BUCKET CHAIN PUMP

## A POPULAR LOW-PRICED PUMP.

Curb with heavy castings.....	\$7.50
Tubing, best spruce, per foot.....	.20
Chain, galvanized, per lb.....	.18
Buckets, "Crosby".....	.18
Buckets, "Boston".....	.18
Rub Irons.....	.15

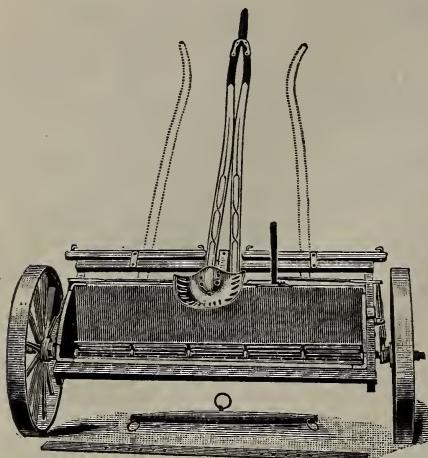
We will be pleased to figure the cost of

Pump complete if you give us depth of well.  
Pitcher Pumps, No. 1, \$4.50; No. 2, \$4.75;  
No. 3, \$5.00.



Pitcher Pump, No. R-416 \$5.50.  
Pump Leathers, (Plunger) 15c and 35c.  
" " (Valve) 15c and 35c.  
Well Points for driving, each \$75.



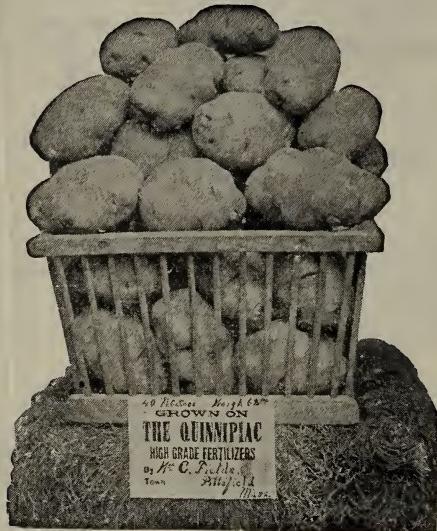


**STEVENS' FERTILIZER SOWER.**—For sowing fertilizer either broadcast or in drills by horse power. 5 ft. 10 in., \$65.00; 8 ft. 3 in., \$72.00; Special cut off attachment, extra, \$4.00.

**STEVENS' HAND FERTILIZER SOWER.**—For sowing fertilizer broadcast on lawns, etc. Hopper is 34 in. long. Price \$17.90

### Perfection Drill and Fertilizer Sower

This machine will form a drill from 3 to 10 inches deep, and will drop into the drill any fertilizer at the rate of 100 lbs. to 3,000 lbs., to the acre. Price \$30.00.



### QUINNIPAC FERTILIZERS

#### THE GREAT CROP PRODUCERS

**AVAILABLE PLANT FOOD.**—Is what the farmer is looking for when he buys commercial fertilizers.

That is just why the **QUINNIPAC GOODS** stand so well.

They contain this plant food in the available form and in the right proportions to secure good results.

We are again in position to furnish fertilizers up to the standard pre-war quality, containing liberal quantities of Potash. Prices given are those prevailing at time of going to press, and are subject to change without notice.

### PRINCIPAL BRANDS

#### PRICES SUBJECT TO CHANGE

**QUINNIPAC PHOSPHATE.**—Special attention is called to this brand as being as well formulated and as well balanced as any fertilizer on the market up to date. 1 50 lb. bag \$2.00. Per 100 lb. bag, \$3.50. Per ton, \$65.00.

**QUINNIPAC CORN MANURE.**—For field, fodder or sweet corn, also used for grain. Per 100 lb. bag, \$3.15. Per ton \$59.00.

**QUINNIPAC POTATO PHOSPHATE.**—As a potato grower it has won and maintained a high standing and an enviable reputation. 50 lb. bag \$1.75. Per 100 lb. bag, \$3.25. Per ton, \$62.00.

**QUINNIPAC GRASS AND LAWN FERTILIZER.**—A top dressing for lawns, meadows and pastures. It acts quickly and produces a luxuriant growth of grass. It pays to use it. Per 50 lb. bag, \$2.50. Per 100 lb. bag, \$4.50. Per ton, \$86.00.

**QUINNIPAC PURE BONE MEAL.**—Made from absolutely pure bones, finely ground and in the best mechanical condition. Per lb. 5c Per 100 lb. bag, \$4.00. Per ton, \$7.00.



## The Mapes Manures

For All Soils  
and for all Crops

### BASIS:

Pure Bone  
Made Soluble  
No Rock Used

OUR FERTILIZERS ARE AGAIN UP TO PRE-WAR STANDARDS AND CONTAIN A LIBERAL QUANTITY OF POTASH. PRICES GIVEN ARE THOSE PREVAILING AT TIME OF GOING TO PRESS, AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.

### PRINCIPAL BRANDS

**MAPES POTATO MANURE.**—Very high grade.—For Potatoes, Early Vegetables, Fruit Sweet Corn, etc., 50 lb. bag \$2.40. Per 100 lb. bag, \$4.20; Per ton, \$79.00.

**MAPES CORN MANURE.**—Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet and Seeding Down to Grass. Per 100 lb. bag, \$3.75. Per ton, \$70.00.

**MAPES GRAIN BRAND.**—A high grade fertilizer for all crops. Per 100 lb. bag, \$3.25. Per ton \$60.00.

We can recommend the above fertilizers as being derived from the best sources of plant food, and we are confident their use will prove this, and the results will be satisfactory and pleasing to you.

## AGRICULTURAL CHEMICALS and FERTILIZING MATERIALS

PRICES ON APPLICATION WHERE NOT GIVEN.

**MURIATE OF POTASH.**—80 to 85 per cent muriate of potash.

**DOUBLE SULPHATE OF POTASH AND MAGNESIA.**—48 to 52 per cent sulphate of potash; 35 to 40 per cent sulphate of magnesia and not over 2 1-2 per cent chlorine; 26 to 28 per cent actual potash.

**HIGH GRADE SULPHATE OF POTASH.**—90 to 95 per cent sulphate of potash; 50 to 52 per cent actual potash.

**KAINIT.**—23 to 25 per cent sulphate and muriate of potash; 12 to 13 per cent actual potash.

**SULPHATE OF MAGNESIA (Keiserite).**—50 to 55 per cent sulphate magnesia.

**NITRATE OF SODA.**—94 to 96 per cent purity. Per 100 lbs. \$5.50; per lb. 10c.

**SULPHATE OF AMMONIA.**—24 3-4 to 25 1-4 per cent ammonia.

**DRIED BLOOD.**—12 to 14 per cent ammonia.

“	“	10 to 12	“	“
“	“	—8 to 10	“	“

**DISSOLVED BONE BLACK.**—15 to 18 per cent soluble and available phosphoric acid  
 “ “ “ —13 to 15 “ “ “ “ “ “

**PLAIN SUPERPHOSPHATE.**—(acid phosphate)—per 100 lb. bag, \$2.25; per ton, \$39.00.

**FINE GROUND TANKAGE**—6 to 7 per cent ammonia; 30 to 35 per cent bone phosphate

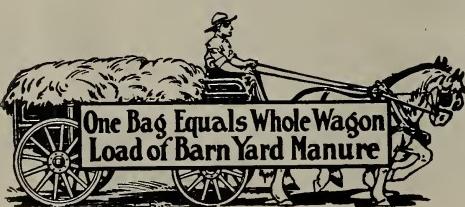
“	“	“	—7 to 8	“	“	25 to 30	“	“	“
“	“	“	—8 to 9	“	“	20 to 25	“	“	“
“	“	“	—9 to 10	“	“	15 to 20	“	“	“

**ASHES.**—Canada.—Unleached. Per 100 lb. bag, \$2.25; Per ton, \$38.00. Subject to change.

**DRY GROUND FISH.**

**BONE.**—“Quinnipiac Bone Meal”—per cwt., \$4.00. Cracked Bone for case hardening, \$6.50 per cwt. “Raw Bone Flour”—“Raw Bone Meal”—Cracked Bone “Oatmeal”—Prices on application.

**PURE NOVA SCOTIA GROUND PLASTER.**—Per 100 lb. bag, prices on application.



**PULVERIZED SHEEP MANURE.**—5 lb. pkg., 40c; per 25 lb. bag, \$1.25; 50 lb. bag, \$1.85; 100 lb. bag, \$3.00. Per ton, \$55.00.

**CLAY'S FERTILIZER.**—Imported, Prices on application.

**GUANO.**—Peruvian.

**SCOTCH SOOT.**—Imported, 100 lb. bag, Prices on application.

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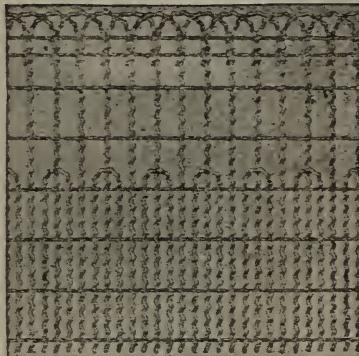
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